

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 3	
Initials & Control Number: WTO/035873							
2. AMENDMENT/MODIFICATION NO. N66604-03-R-5873-0002		3. EFFECTIVE DATE 2003 SEP 15		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY Commercial Acquisition Department, Building 11 Naval Undersea Warfare Center Division, Newport Code 591 Simonpietri Drive Newport, RI 02841-1708		CODE N66604		7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)		9A. AMENDMENT OF SOLICITATION NO. N66604-03-R-5873	
				X		9B. DATED (SEE ITEM 11) 22 AUG 03	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 3 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
The purpose of this amendment to the subject draft solicitation is to make the following additions/changes: 1. The following appendices/attachments are provided hereto: a. Appendix 2.3.1 b. Appendix 2.4 c. Appendix 2.5 d. Appendix 2.5.1 e. Appendix 2.6 f. Appendix 2.7 g. Appendix 2.7.1 h. Appendix 2.8							
- CONTINUED NEXT PAGE -							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
POINT OF CONTACT: Tel: 401-832-1640 Fax: 401-832-4820 E-mail: oliverwt@npt.nuwc.navy.mil							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR				15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
BY _____ (Signature of person authorized to sign)						16C. DATE SIGNED	
				BY _____ (Signature of Contracting Officer)			

- i. Appendix 2.9
- j. Appendix 2.9.1
- k. Appendix 2.10
- l. Appendix 2.11
- m. Appendix 3.1
- n. Appendix 3.2
- o. Appendix 3.3
- p. Appendix 3.4
- q. Appendix 3.5
- r. Appendix 3.6
- s. Attachment #3, Personnel Qualification Sheets (Non-Key)
- t. Attachment #6, Bahamas-U.S. Agreement
- u. Attachment #7, DD Form 254
- v. Attachment #8, Award Fee Plan
- w. Attachment #9, Personnel Data Form
- x. Attachment #12, Award Term Plan
- y. Attachment #13, Cost Summary Sheet
- z. Attachment #14, Comments in the Interest of Competition

2. The following Clauses are provided hereto:

BX18 - SUPPLIES/SERVICES AND PRICES – CPIF/CPAF WITH AWARD TERM PROVISIONS
L15 – REQUIRED CAPITAL ASSETS AND INVENTORY ACQUISITIONS
L16 – GENERAL INFORMATION
L99 - ALTERNATE PROPOSALS
L100X – ADVANCE COST AGREEMENT
ATTACHMENT #3 – PERSONNEL QUALIFICATION SHEETS (NON-KEY)

3. Interested vendors are reminded that a Pre-Solicitation/Industry briefing will be held at the Naval Undersea Warfare Center Division, Newport (NUWC DIVNPT) on 30 September 2003. Directions to NUWC DIVNPT are located at : <http://www.npt.nuwc.navy.mil/>. Individuals interested in attending must comply with the following visitor request information:

FAX on Company Letterhead to the NUWC Security Division, Attention: Visitor Control
Fax number 401-832-4396

A Visit Authorization Request is mandatory for all visitors, regardless of duration or classification of the visit. Access to NUWC Division Newport will not be granted *under any circumstances* without a valid Visit Authorization Request on file.
Government Offices use OPNAV Form 5521/27

Visitor Full Name (Last, First, MI) Do not use nicknames
Company or Organization Name (include complete address, phone number, and FAX number)
Social Security Number (Protected by the Privacy Act of 1974)
Date of Birth
Place of Birth (city/state)
Citizenship (include naturalization number and date of naturalization for naturalized US Citizens born outside the United States)
Level of Clearance (Unclassified, Confidential, Secret, Top Secret)
Technical Point of Contact (POC) at NUWC DIVNPT (include name & phone number)
Specific Date(s) of Visit (include year)
Specific Purpose of Visit (must include classification of visit) **All visits are assumed to be classified unless otherwise stated**
Contract number ("Need to Know" signature required on all non-NUWC DIVNPT contracts; **advance copies are not accepted**)
Name, Title, and Signature of Company/Command Authorizing Official

Visit Authorization Requests must be received at least three (3) business days before the visit to avoid delays upon check-in.

Security Office can be contacted at: (401) 832-2551 or DSN 920-2551

4. The formal solicitation will be conducted as a phased procurement using a progressive competition down-selection technique . The methodology and evaluation factors to be considered during each phase will be provided in a subsequent amendment.

5. Note: Certain positions shown as Non-Key as subject to being redefined as key personnel within the formal solicitation.

Appendix 2.3.1
AUTEC Sub-Systems

NATO FORACS AUTEC (NFA)

- a. Automatic Position Tracking System (APTS): The APTS utilizes Differential Global Positioning System (DGPS) to continuously determine the test ship's position during on-range test measurements. Additionally, an engineering theodolite (e.g. deck transit), equipped with a digitizing unit and an RF link to the computer ashore, is installed and aligned to the construction center-line of the surface ship. A provision is available to bypass the digital deck transit reading and, by using a keypad, input a Ships Inertial Navigation System (SINS) reading to be used as the heading reference.
- b. Three deep-water, bottom-mounted sonar transducers are located on the FORACS Range at various depths. Each transducer has a variable tuning element to permit use over a wide range of frequencies. The transducers are cabled ashore to an Acoustic Test Set (ATS) located at Site 1, which receives and processes transmitted sonar signals and formats and transmits compatible return signals. The ATS is comprised of an IBM compatible PC-controlled digital signal processor which can handle complex wave forms. This enables active sonar tests to be performed for a wide variety of U.S. and foreign sonar systems. These transducers can also transmit a Continuous Wave (CW) or noise signal whenever desired.
- c. Standard tri-corner reflectors mounted on pilings inside the reef provide two surveyed radar targets. One is located between North and Mid FORACS Towers and the other between Mid and South FORACS Towers. Both reflector targets are located far enough from shore to minimize background clutter. The North and South FORACS Towers also serve as radar targets.
- d. Real and simulated radar emitter targets are provided to test the directional accuracy and analysis capability of installed ECM/ESM systems. Test capability is provided by multiple sources. A portable, typically van-mounted Excalibur Systems Limited ESM system exists which is capable of providing 70 watt CW ESM targets in the 2-18GHz frequency range. Additionally, the FORACS ESM Test Set, located in the FORACS console, is capable of providing low power (approximately 20 watts) CW or pulsed signals and simulated non-doppler active radar (transponder) targets between 4 and 12 GHZ. Radars located at Site 2 may also be used to provide test signals. AUTEC also has a van-mounted transportable RDF Test Set (RDFTS) capability for CW transmission between 2 and 400 MHZ.
- e. Offshore towers may be used as optical targets, as may the water tower located at Site 1, and the BATELCO tower located at Fresh Creek. These optical targets are used for such sensors as peloruses and also by the engineering theodolite (deck transit) operator.

- f. **Control Console:** The Control Console, located in the CCB at Site 1, is the primary control unit for the FORACS Range and houses the majority of the FORACS-related electronics. Electronics equipment includes communication equipment, the Automatic Position Tracking System, DGPS, the ASTS, and ATS. The Control Console can also access the FORACS IBM compatible PC which receives data from the APTS DGPS, computes ideal sensor ranges and/or bearings, and displays real-time position of the test vessel.
- g. **Integrated Data Acquisition Test System (IDATS):** IDATS processes shipboard sensor data and displays associated error data in the form of plots and listings in real-time. IDATS also provides own-ship navigation information such as ship's track, heading, speed, etc., as well as bearing and range to most range targets upon request. The data ensure sufficient sensor bearing/range coverage and data density for analysis purposes, to identify sensor anomalies, undetected equipment malfunctions, operator intervention, and interference, and to aid in target acquisition. This allows for equipment corrective action during the test.
- h. **FORACS Data Processing:** An IBM-compatible PC is the primary data processing instrument for most of the ASW Sensor Accuracy Tests conducted at the FORACS Range. The Weapons Range Computer is used for all ASW Sensor Accuracy Tests performed on the Weapons Range. Some trials may utilize both computers. For example, track data may be processed on the Weapons Range computer and then transferred to the PC for merging with shipboard data and final data processing.
 - a. **General SAT Testing:** A complete Sensor Accuracy Test on either the FORACS Range or the Weapons Range is done in four phases: test planning, a dockside phase; an on-range phase; and a post-test analysis/reporting phase. For RDF-only tests, performed on the Weapons Range, the dockside phase is not performed.
 - b. The dockside phase is accomplished when the ship is in port, moored alongside a pier. It consists of a thorough briefing of the ship's officers and key crew members, as well as a check of the shipboard equipments to be tested. Equipment readout locations are established, nomenclature and serial numbers of sensors are recorded, the ship's centerline reference is determined, and parallax data is obtained using the ship's Booklet of General Plans. IDATS cable runs are established. A GPS antenna location is surveyed. Radar range tests are performed and a settled error test is conducted on the ship's heading sensors to assess alignment. Additional dockside test requirements may include active sonar ranging tests, periscope calibrations, and GPS static testing (as applicable).
 - c. The on-range phase begins when the Contractor's test team boards the ship from a small boat on the day of the test. For surface ships, the engineering theodolite and DGPS antenna are set up on the after deck or helo deck, and proper operation verified.

- d. Surface Ship SAT Testing: The Contractor provides an appropriate portable radio to each sensor location and brief the ship's operator(s) of the equipment involved in the test. The Contractor also verifies that the equipment is set-up in the proper configuration and that the correct targets are being tracked. An IDATS computer is placed at predetermined sensor operator locations. The Contractor coordinates the test and run geometries with the ship's navigator, and Officer of the Deck, or (for submarines) the Conning Officer. The Contractor is responsible for the overall conduct of the test.
- e. Submarine SAT Testing: Submarine ASW Sensor Accuracy Tests, conducted on the Weapons Range, differ from FORACS Range tests in that data is recorded onboard the submarine using the ship's fire control system data recording module, or a carry-aboard recorder. Data is tagged, by time, to position data obtained from the deep-water tracking system. Data is processed similarly to that obtained on the FORACS Range.
On-range test requirements may include laser range finder testing, multiple-mode sonar testing, and dynamic submarine geometry runs.
Submarine RDF/ESM tests may be performed in the open ocean (local Navy OPAREAS). The RF targets are temporarily installed aboard a surface craft or vessel supplied by Type Commander or designee. Ideal bearings to target are derived from periscope readings. The Contractor shall collect data, record, and issue the corresponding report in a manner similar to that of tests conducted on AUTECH's Weapons Range.
- f. Helicopter Testing: Helicopter Sensor Accuracy Testing may be performed on the FORACS Range. On-board DGPS data is recorded in addition to sensor range and bearing sensor data and verified against the known position of the FORACS Range underwater acoustic targets.
- g. Mobile FORACS Testing: Mobile FORACS procedures allow a SAT to be conducted at a Range User-convenient location. Shipboard testing requirements are identical to those of fixed-range tests. Portable targets (e.g. radar transponders, sonar transponders) and tracking equipment are supplied and operated by Contractor personnel from a support vessel provided by the Range User.

COMMUNICATIONS

- a. West Palm Beach communications Systems:
 - i. AT&T System-75 digital telephone system provides internal/external service for AUTECH, via leased T-1 lines and internal transmission lines for telephone service and provides auto attendant and voice mail services through an Octel system. The System-75 provides access to the Defense Switched Network (DSN), FTS 2001 service, and commercial calling systems.
 - ii. PA speaker systems.
 - iii. Aircraft Network for the Contractor's Palm Beach International Airport facility air operations
 - iv. Emergency RF equipment
- b. Andros Communications Systems
 - i. Telephone and Paging Systems:
 - 1. AT&T Definity G3I Private Branch Automatic Exchange (PBAX) digital telephone switch is located in the CCB with Expansion Port Networks (EPN) located in the Admin East and Admin West buildings. The Definity G3I telephone switch possesses an Automated Digital Information Exchange (AUDIX) auto attendant and voice mail system, and a 4-port auto attendant system to provide call routing for incoming calls on the Bahamian Telecommunications Corporation (BATELCO) lines. The Andros PBX switch also provides business and personal telephone service. The Contractor shall collect reimbursement for the cost of any personal outgoing calls made through the Andros PBAX telephone system. Such reimbursements shall be returned to the Government and reported in the **monthly Cost Control Report. DID item.**
 - 2. PA system for both Site 1 and the downrange sites; Site 1 radio-pager system.
 - ii. Message Center:
 - 1. AUTODIN (Automatic Digital Network) Gateway Terminal. The Andros Message Center processes incoming/outgoing messages locally and/or to AUTECH's West Palm Beach Headquarters.
 - 2. Defense Messaging System. The Andros Message Center processes incoming/outgoing messages locally and/or to AUTECH's West Palm Beach Headquarters.
 - 3. Gateguard terminal for AUTECH's subscriber service to the Naval Computer and Telecommunications Station, Key West, FL.
 - 4. Maintain an RF teletype (TTY) circuit (SENNET) to be used for secure communications between Site 1 and Range User units operating on the Andros Ranges.

5. Administer the Defense Messaging System and assure that all requirements for maintaining Message Center DMS certification are satisfied at all times. This function shall provide operational guidance and problem resolution as needed in support of daily operations in the Message Center; and shall remain current with existing and future DMS planning within the Department of the Navy.
- iii. Andros Island Microwave System: The digital microwave communications system provides critical voice and data circuits between Site 1 and downrange Sites 2, 3, and 4, and includes waveguide pressurization equipment and a 48 VDC battery plant at each site.
- iv. AUTECH Operational Intercom System (AOIS): The AOIS at Site 1 is a Clearcom 200 x 200 switching matrix that provides voice communications between on-range RF radio circuits and end user stations located at various locations at Site 1 and the downrange sites
- v. Aircraft Navigation Systems:
 1. TACAN (AN/URN-25) is a ground based navigation system intended to provide range and bearing information to aircraft equipped with TACAN navigational equipment. The TACAN is housed in a facility located near the utilities water catchment area at Site 1 and linked to a remote control-indicator display located in OCC.
 2. NDB: The (NDB) Non-Directional Beacon is a ground based assist-to-aircraft navigation system. It provides bearing information to aircraft equipped with NDB equipment. The NDB electronics are housed in the same facility as the TACAN navigation set.
- vi. RF Communications:
 1. Base Station Voice Communications: Site 1 voice communications with vessels, aircraft, and other selected stations is provided through the use of HF, VHF, and UHF radio transceivers (or microwave-relayed through similar transceivers at the downrange sites). Recording of voice communications during test operations, by means of magnetic tape recorders, is standard AUTECH practice.
 2. Portable Data Systems: Portable AUTECH Real-Time Graphic On-line System (PARGOS) is an encrypted data link that allows for real-time range data to be displayed at remote locations such as aboard Range User vessels participating in tests. PARGOS consists of an encrypted transmission system from a Silicon Graphic Inc. (SGI) workstation in the Real-Time Display Center to an IBM-compatible portable computer running a DOS-based subset of the ARGOS graphic displays.
 3. Portable Voice Systems: VHF/ UHF/HF portable transceivers are used for test support and for mobile (marine, aviation, vehicle) communications. Portable radios/Walkie-Talkies are used for Public Works, Security, and Fire Protection functions.
- vii. Continuing Education Satellite System: This satellite system is used to improve the quality of life for individuals assigned to AUTECH's Andros Island facilities by allowing interested individuals to pursue degree programs,

or to take specific college-level courses, offered through the ATEC Recreation Association (ARA).

- viii. Cable Television System: ATEC's Andros Island facilities are outside the transmitting range of CONUS television stations, therefore a Cable Television System is used for receipt and distribution of commercial, public, and government television programming for the general ATEC populace. An information channel is provided for the distribution of both live and taped local general and emergency material.

c. Common Andros/West Palm Beach Communications:

- i. Video Teleconferencing Centers (VTCs): two roll-about Polycom View Station VTCs, one located in the West Palm Beach, FL, headquarters and one at Site 1 on Andros Island. Site-to-site connectivity shall be established prior to scheduled usage.
- ii. Satellite Communications (SATCOM) System:
 - 1. Earth stations located at each West Palm Beach and Andros Island. This system is bulk-encrypted for transmission only. A domestic (e.g. US) satellite T-1 space segment lease with requisite FCC operator's license for the WPB/ASD SATCOM link is to be maintained by the Contractor.
 - 2. In the event of SATCOM link failure the Contractor shall:
 - a. establish a STU-III connection via BATELCO with NCTAMSLANT, Key West, FL.;
 - b. establish an emergency HF voice circuit between Site 1 on Andros Island, ATEC's West Palm Beach Headquarters, and the Palm Beach County, FL, Emergency Management Facility.
- iii. Local Area Networks (LAN): Andros and West Palm Beach LANs provide network access to most office and workspace areas for email and data transfer. Contractor shall be responsible for the design of data, voice and video communications for inter-building and intra-building cabling and wiring.

Cellular Telephone Service: Support of the ATEC Cellular Telephone Service consists of generating purchase requisitions for cellular service, hardware procurement, hardware repair, telephone programming and service plan upgrades. Support is to include the review and approval of bills for M&O Contractor personnel is required **monthly Cost Control Report.DID**

Appendix 2.4

AUTEC

MK-30 Weekly Status Report

18 February 2003

TMSS

	Sat	Launch	Score
This Month	8	8	100%
This Week	3	3	100%
(Wed -Tues)			

Prep to Launch Ratio

February	1.25
January	1.21
12 Month TMSS	180 194 93%

Projected Target Utilization Per RSS Schedule

February 37 + 17 March 31 + 13 April

Comments:

Weekly Critical Assets:

TARGET RUN SUMMARY

Date	Target #	Run #	TMSS	Lnch	/Rcvr	Test #	Geometry	Comments
02-03-03	79161	272F	CANC ®	----	----	410W657	HSL-11	RANGE ASSETS
02-03-03	79136	359F	CANC ®	----	----	410W657	AW-26	B/U NOT USED
02-06-03	79172	283Z	SAT ®	R/M	R/M	410W659	AW-22	RAP S/D PROG 176:00
02-06-03	79132	418E	CANC	----	----	410W659	HSL-11	B/U NOT USED
02-07-03	79106	355Z	SAT	ROVER	ROVER	355W843	CSL-028	RAP S/D ACL 96:00
02-07-03	79175	224Z	SAT	ROVER	ROVER	355W843	CSL-SS-8	RAP S/D ACL 114:00
02-07-03	79166	257E	CANC	----	----	355W843	CSL-111-150'	AT R/U REQUEST
02-07-03	79117	369E	CANC	----	----	355W843	CSL-24-150'	AT R/U REQUEST
02-08-03	79161	272Z	N/V ®	R/M	R/M	472W008	HSL-21L	NO RAP - A Cable
02-08-03	79135	215Z	SAT	R/M	R/M	472W008	HSL-21L	RAP S/D PROG 240:00
02-08-03	79158	303Z	SAT	R/M	R/M	472W009	HSL-21L	RAP S/D PROG 240:00
02-09-03	79156	274G	CANC ®	----	----	472W010	HSL-21L	AT R/U REQUEST
02-09-03	79136	359G	CANC ®	----	----	472W011	HSL-21L	AT R/U REQUEST
02-09-03	79107	355E	CANC	----	----	472W010/11	HSL-21L	B/U NOT USED
02-10-03	73117	386E	CANC	----	----	472W012	HSL-21L	AT R/U REQUEST
02-10-03	79132	418F	CANC ®	----	----	472W013	HSL-21L	AT R/U REQUEST
02-10-03	79172	284E	CANC	----	----	472W012/13	HSL-21L	B/U NOT USED
02-12-03	79166	257Z	SAT ®	R/M	R/M	410W661	HSL-11V2	RAP S/D ESS 154:00
02-12-03	79172	284F	CANC ®	----	----	410W661	AW-26	B/U NOT USED
02-13-03	79117	369Z	SAT ®	R/M	R/M	410W662	AW-22	RAP S/D ACL 137:00

02-13-03	79136	359Z	SAT	®	R/M	R/M	410W663	HSL-11V2	RAP S/D ACL 69:00
02-13-03	79107	355F	CANC	®	----	----	410W662/3	PROF SEL	B/U NOT USED

= Recycled Preps

®

FYTD 2003 - TMSS

Sat	Launch	Score
67	75	89%

	<u>Jan</u>	<u>Feb</u>
	-	
Prepped	23	10
Launched	19	8
Non-Valid	1	1
Cancelled	20	13
Aborted	0	0
Unsatisfactory	3	0
Recycled Preps	17	12
Launched	9	4
Cancelled	7	7
Aborted	0	0
Non-Valid	1	1
Unsatisfactory	2	0
Engineering Support	0	0
Launched	0	0
Satisfactory	0	0
Unsatisfactory	0	0
Cancelled	0	0

FYTD 2003 - Fleet Support

Prepped	78
Launched	75
Non-Valid	2
Cancelled	65
Aborted	0
Unsatisfactory	8
Recycled Preps	64
Launched	35
Cancelled	27
Aborted	0
Non-Valid	2
Unsatisfactory	6
Engineering Support	0
Launched	0
Satisfactory	0
Unsatisfactory	0
Cancelled	0

AUTEC

MK-30 Monthly Battery Report

April Battery Report

April 1-30, 2003

H - High Rate Battery, **Y** - Yardney, **B** - BST, **QT** - Quick Turn, **R** - Re-prep, **E** - 8 Cells Removed for Engineering

TS - Battery Used to Troubleshoot Target

Battery ID#	Battery Cycle #	Charged/Built	Cycle Run Date	Elec	Lot	Cont
B012274	6	1/1	4-16-03	1	16	B111
Y 022061 (SR)	10	1/1	4-10-03	10	8	0317
Y 032007	16	2/2	4-26-03	17	1	0317
Y 043025	2	1/1	4-16-03	0	1	2305
Y 052116	7	1/1	3-28-03	0	8	H371
Y 062106	11	1/1	3-13-03	0	8	H371
Y 073018	2	1/1	4-17-03	0	1	2305
Y 083036	1	1/1	3-13-03	0	09	0317
Y 092029	15	1/1	3-12-03	6	7	A978
B 102199 (SR)	8	1/1	3-30-03	4	2	A978
Y112281	3	1/1	3-28-03	0	8	0317
Y 122215	9	1/1	3-18-03	6	2	A978
Y 133010	1	1/1	3-16-03	0	4	A978
B 142068 (SR)	11	0/0	4-23-03	19	2	A978
Y 153011	3	1/1	4-20-03	12	8	0317
Y 161121	25	1/1	3-16-03	43	4	0317

Batt Charged 16
Batteries Built 16

Battery QT 0

Batt Activated 1*
Batt Scrapped 0
Batt Reprepped 0

not numbered yet*

Cell Status Summary

	<u>YARDNEY</u>	<u>BST</u>	<u>TOTAL</u>
Dry Cells	264	723	987
Wet Cells in Battery	2,176	488	2,664
KOH Bottles	314	771	1,085
Wet Spare Cells	198	62	260
Dead Cells Scrapped	278	94	372
Dead Cells Shipped	0	0	0

Comments

Both ABBC chargers working properly at this time. Two of three Mod 1 chargers working properly, other one under repair at this time.

APPENDIX 2.5

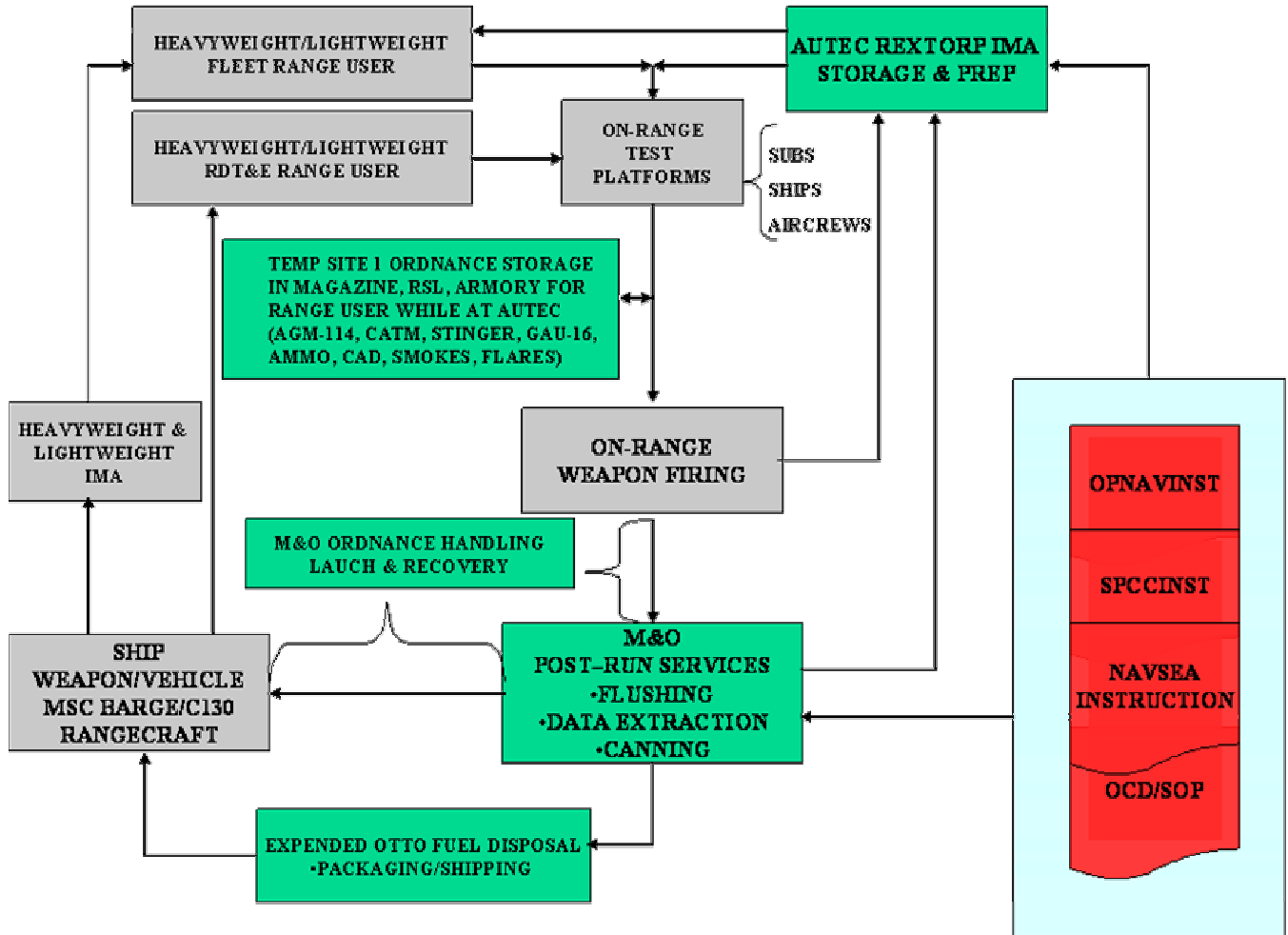
WEAPON PREPARATION/POST-RUN EQUIPMENT

<u>Equipment</u>	<u>Model No.</u>	<u>Qty.</u>
Flushing Stands MK-48 All Mods	5978010	2
Flushing Systems Pumps MK-46, Portable	199284	2
MK-48 Shipping Containers	N/A	100*
MK-46 Shipping Containers	N/A	100*
MK-50 Shipping Containers	N/A	100*
Miscellaneous Shipping Containers	N/A	10*
Drums, 55 Gal (OTTO Fuel Waste)	N/A	100*
Breathing Apparatus, Portable	PB5502	1
Breathing Apparatus, Self Contained	2840-2	3
Dolly, Universal	1473441	30
Vane Vacuum Pumps	LD620161	4
Vand Systems	1874091/KPT7203	2
Pressure Cleaner	760	1
OTTO Fuel Vapor Detectors	MK15 Mod 0	2
Liquid Waste Holding Tank, 4,000 Gal.	N/A	1
Liquid Waste Holding Tanks, 900 Gal. N/A		3
Liquid Chemical Holding Tanks, 300 Gal.	N/A	3
Waste Transfer Pumps, Air-Driven	1½ AOD-STTS	2
Waste Transfer Pumps, Air-Driven	666101-244C	2
Compactor, Solid Waste	PAX	1
Hydrostatic Test Pump	S/N 0647	1
Vacuum Pump	RA0025	1
Vacuum Tank	N/A	1
Vacuum Turbine	30107C	1
Rollers, Breakdown (Pairs)	N/A	2
Rollers, Flushing (Pairs)	N/A	2
Rollers, Wash-Down (Pairs)	N/A	2
Parts Washers, Graymill	Clean-o-matic	2
Burnisher, Portable	N/A	1
MK-48 Data Extraction Lines	N/A	3
Presettters, MK-46/50 REXTORP	N/A	2
REXTORPS, MK-46/50	N/A	90
Miscellaneous Weapons Slings	-	-
Miscellaneous Hand Tools	-	-
Drum Pumps Air Driven	DTTS-007	2

* Typical on-hand quantity

ORDNANCE SUPPORT

EXERCISE WEAPONS AND ORDNANCE: PREPARATION/STORAGE/HANDLING/POST-RUN SERVICES



Weapon/Ordnance Handling Process Diagram – Fig # tbd

Appendix 2.5.1
AUTEC Ordnance and vehicles

MK-48 Mods 4, 5, and 6 Exercise Torpedoes
MK-46 Mods 4 and 5
Exercise Torpedoes.
MK-54 Exercise Torpedoes
MK-50 Exercise Torpedoes.
MK-46 and MK-50 REXTORPS.
Submarine Launched Mobile Mines (SLMM)
TOMAHAWK Test Missiles (TOTEMs),
TOMAHAWK Recoverable Capsules (RECAPS),
Dummy Launch Vehicles (DLVs),
Pre-settable Launch Vehicles (PLVs),
HARPOON EHCTVs,
AGM-114 HELLFIRE
Captive Air Training Missile (CATM)
Miscellaneous RDT&E/FOT&E and other test vehicles in accordance with
Range User instructions as provided by NUWC.
Pyrotechnics
Cartridge-Activated Devices (CADS)
Smokes
Targets

EXPLOSIVES/PYROTECHNICS/STORAGE AND STAGING AREAS

FACILITY		Allowed Explosive Loading	
Number	Description	Net Explosive Weight Lbs. (#) By Class.Division	Class.Division or Description
1005	Helo Loading/Downloading Staging Area	13.26#/24#	1.3/1.4
		or 590#	Energetic Liquid
1026 A&B	Ready Service Lockers	99# Each	1.3
1027	Heloport Recovery Area	82# or 6.63#/2.33#	1.1 or 1.3/1.4
		or 562#	Energetic Liquid
1029	Heliport Torpedo Staging Area	13.26#/24#	1.3/1.4
		or 590#	Energetic Liquid
1624	Butler Building	74#	1.4
1641	MK-48 Turnaround	691#	1.4
1681	STINGRAY Building	100# (total)	1.3 & 1.4
1682	SPEARFISH Facility	706#	1.1
TDF 1 & 2	Torpedo Defueling Facility	176# Ea.	1.1
1683	STINGRAY Facility	100# (total)	1.3 & 1.4
1684	Post-Run Facility	100#	1.4
		Or 10,500#	Energetic Liquid
1692	STINGRAY De-Prep Facility	6.63#	1.3 C
1802	Above Ground Magazine	5,000# (total)	1.3 & 1.4
1803	Above Ground Magazine	5,000# (total)	1.3 & 1.4
1804	Earth Covered Magazine	150# or 5,000#	1.1 or 1.3
1902	Pier	176# or 300# (total)	1.1 or 1.3 & 1.4
1910	Harrison Wharf	143.5#/1,000#/500#	1.1/1.3/1.4
Legend: 1.1 = Mass Detonation; 1.2 = Non-mass detonating - fragment producing; 1.3 = Mass fire, minor blast or fragment; 1.4 = Moderate fire, no blast; 1.5 = Very insensitive substance; 1.6 = Extremely insensitive article; Energetic Liquid = OTTO Fuel II.			

Reference: OP 5 Vol 1 Current Rev. Chapter 3 Characteristics of Ammunition, Explosives and Related Hazardous Materials.

APPENDIX 2.6

WEAPON/TARGET LAUNCH/RECOVERY EQUIPMENT

<u>Equipment</u>	<u>Model No.</u>	<u>Qty</u>
Telescopic Target Launchers	-	4
Submerged Torpedo Tube	MK-59	1
Above Water Torpedo Tube	MK-32 Mod 17	1
Helicopter Launch Systems	MK-146 Mod 0	3
Helicopter Weapon Recovery Systems	MK-2 Mod 0/1	6
MK-48 Torpedo Recovery Nose Cages (Surface Vessel Recovery)	-	17
MK-50/54 Torpedo Helicopter Recovery Net Systems	-	2
MK-46 Torpedo Recovery Nose Cages (Surface Vessel Recovery)	-	15
MK-46 REXTORP Recovery Nose Cages (Surface Vessel Recovery)	-	8
Diver Torpedo Recovery Bands	-	2

Note: Helicopters, range craft, shore-based transportation equipment, cranes, etc. are discussed in various other chapters of this Specification.

APPENDIX 2.7

3-D ACOUSTIC TRACKING EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Qty</u>
3WPCAT Pressure Test FAC	NUWC	2
Advanced Shipboard Tracking		
Electronics, Portable (ASTEP)	NUWC	39
AN/BQN-17 Interface Panels	AUTEC	9
AN/BSY-1 Interface Boxes	AUTEC	12
AN/BSY-2 Interface Boxes	NUWC	4
Bounce Pinger	AUTEC	5
BBLF Pressure Test FAC	NUWC	1
BBLF Ambient Acoustic Test Tank	AUTEC	1
Cable Continuity Checker	AUTEC	7
Deep Submersible	AUTEC	1
Dummy Load		
ASTEP	NUWC	2
MK-72	NUWC	52
MK-84	NUWC	7
General Purpose Test Equipment	MISC.	75
Limited Capability		
Shipboard Tracking		
Electronics, Portable (LCSTEP)	NUWC	14
Range Clearance Shipboard Tracking		
Electronics, Portable (RCSTEP)	NUWC	2
MK-72, 23W14 Cable MK-48	NUWC	154
MK-72, Alkaline Battery Pack	NUWC	125
MK-72, Electronics	NUWC	100
MK-72, Freq. Select Unit A	NUWC	81
MK-72, Freq. Select Unit B	NUWC	58
MK-72, Freq. Select Unit C	NUWC	16
MK-72, Freq. Select Unit D	NUWC	71
MK-72, Freq. Select Unit E	NUWC	29
MK-72, Freq. Select Unit J	NUWC	9
MK-72, Start-Stop Box	NUWC	12
MK-72, Test Set	NUWC	1
MK-72, Transducer, A	NUWC	203
MK-72, Transducer, B	NUWC	41
MK-72, Transducer, C	NUWC	8
MK-72, Transducer, D	NUWC	45
MK-72, Transducer, E	NUWC	74
MK-72, Transducer, J	NUWC	25
MK-84 Leakage and Sensitivity Adapter	AUTEC	6
MK-84 Mod 1, Battery Box	AUTEC	420
MK-84 Mod 1, Electronics	NUWC	10
MK-84 Mod 1, Matching Electronics, A	AUTEC	296
MK-84 Mod 1, Matching Electronics, B	AUTEC	122
MK-84 Mod 1, Matching Electronics, C	AUTEC	16
MK-84 Mod 1, Matching Electronics, D	AUTEC	43
MK-84 Mod 1, Matching Electronics, E	AUTEC	59
MK-84 Mod 1, Matching Electronics, K	AUTEC	314
MK-84 Mod 1, Transducer, K	NUWC	425

MK-84 Mod 2, Electronics	NUWC	400
MK-84 Programmer (Laptop)	NUWC	6
MK-84 Programmer (Desktop)	NUWC	5
Monitor	DUKANE	43
Pinger Sequencer CAN 3528	AUTEC	4
Programmer/Verifier, Field	NUWC	32
Portable Underwater Tracking		
Transducer (PUTT)	NUWC	3
Shipboard Installer's Test Kit	AUTEC	6
Shipboard Tracking Electronics		
Portable (STEP)	AUTEC	12
Sync. Track Interface Unit	RCA	2
Shipboard Transducer 3WPCAT	AUTEC	114
Synchronizers	NUWC	17
Transducer Test Tank	AUTEC	1
Transducer	RAYTHEON	104
Transducer	GENERAL MOTORS	4
Weapon Pinger Depth Sensor Cal System	AUTEC	2
Towed Pinger Assemblies	AUTEC	12
WATT Units	NUWC	11

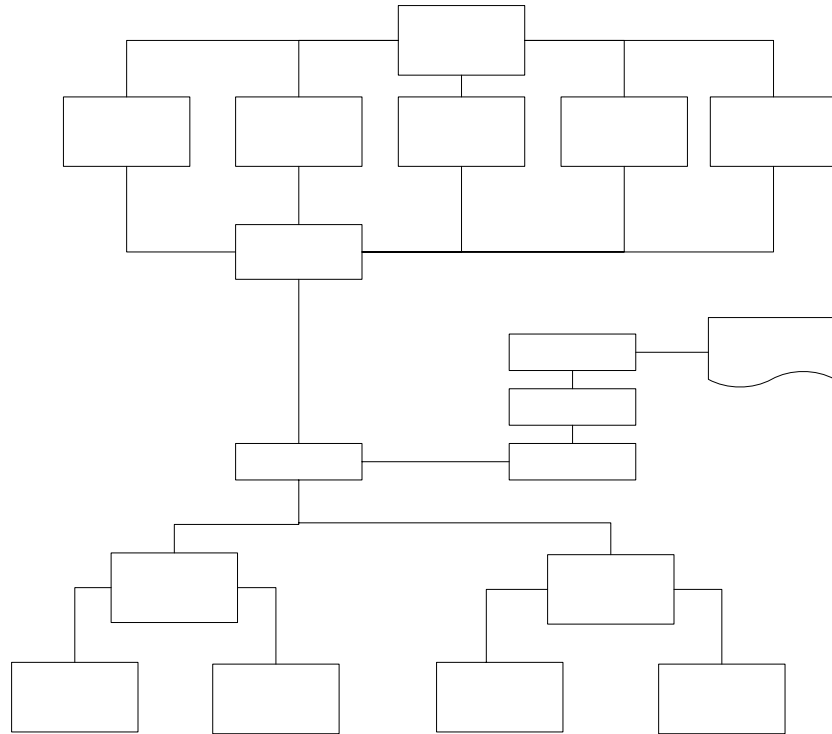


CHART - 1

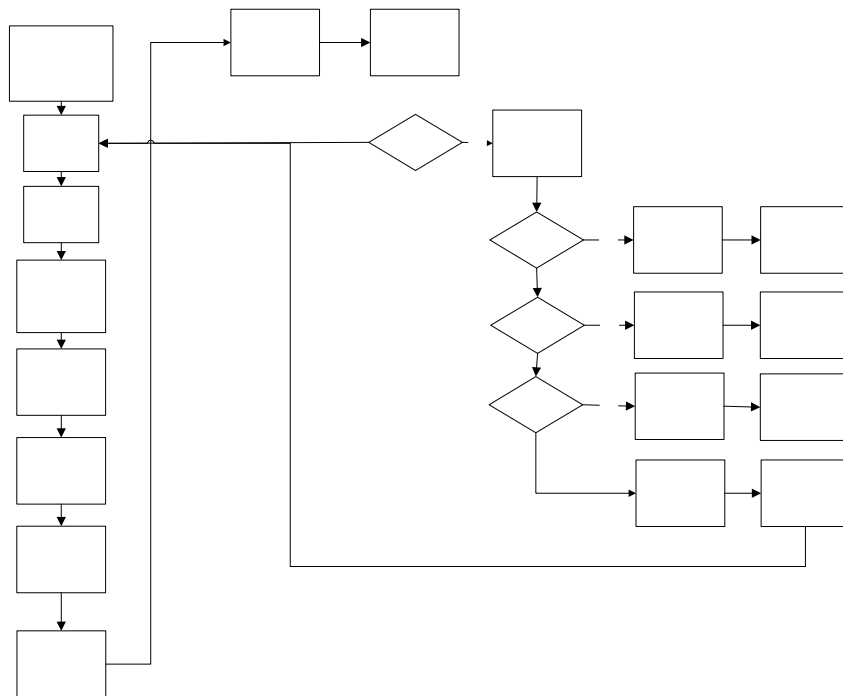


CHART - 2

CONTRACTOR
OPERATIONAL
MANAGER ASSIGNS
PINGER FORMAT
REQUIREMENTS
VIA E-MAIL TO IMA
TECHNICIAN

IMA TECHNICIAN
BENCH CHECKS
ASTEP, XDCR
AND CABLES

IMA TECHNICIAN
PROGRAMS
ASTEP AND
UPDATES
NAVSEA P2K
DATABASE

IMA TECHNICIAN
COORDINATES
DATE AND TIME
WITH DIVERS TO
INSTALL THE PINGER

DIVERS INSTALL THE

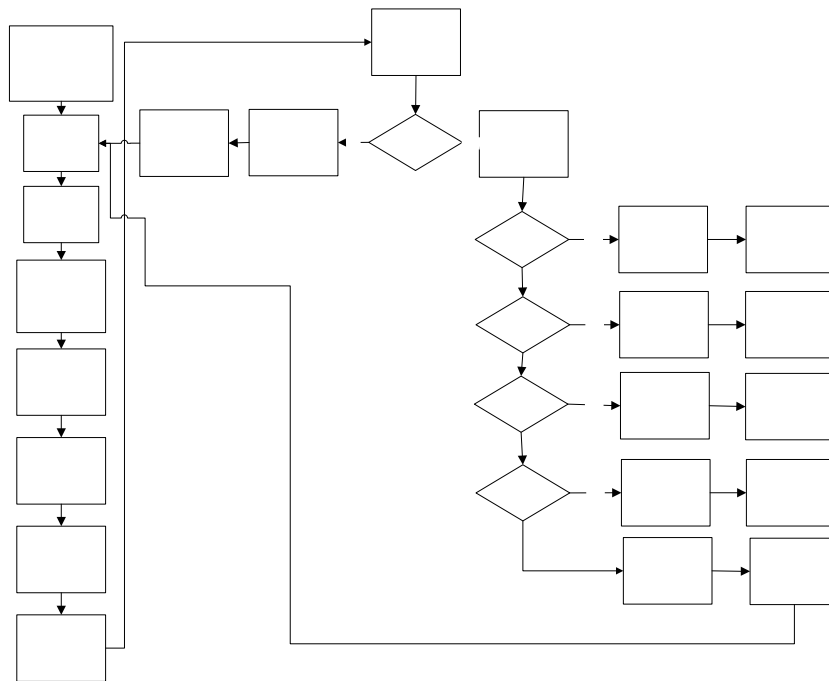


CHART - 3

CONTRACTOR
OPERATIONAL
MANAGER ASSIGNS
PINGER FORMAT
REQUIREMENTS
VIA E-MAIL TO IMA
TECHNICIAN

IMA TECHNICIAN
BENCH PREPS
PINGER

IMA TECHNICIAN
PROGRAMS
PINGER AND
UPDATES
NAVSEA P2K
DATABASE

IMA TECHNICIAN
COORDINATES
DATE AND TIME
WITH WEAPON IMA
TECHNICIAN TO
INSTALL THE PINGER

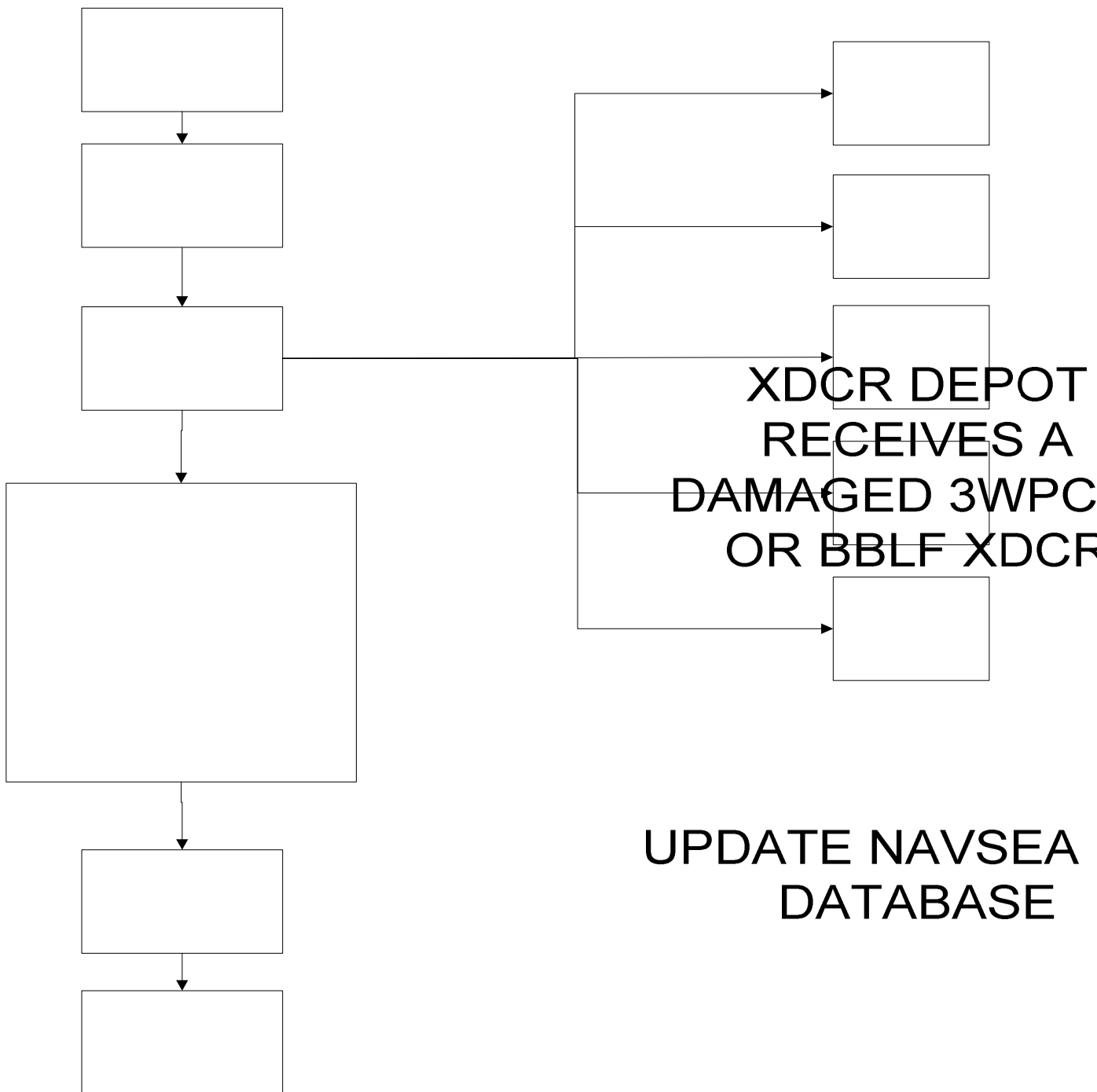


CHART - 4

MK-84 OPERATIONS PREPS	OC T	NO V	DE C	JA N	FE B	M AR	AP R	M AY	JU N	JU L	AU G	SE P	TOT AL
MK-48 ADCAP	27	21	30	20	20	51	30	15	28	27	12	27	308
MK-30	20	19	18	18	33	21	15	0	22	18	25	7	216
MK-46 REXTORP	2	6	1	15	37	9	26	5	18	17	7	31	174
MK-48	1	14	3	0	14	3	2	8	2	10	1	6	64
TPA MK-84	0	31	0	0	3	0	12	14	0	0	0	0	48
MK-46	0	0	0	2	8	5	1	3	5	7	0	1	32
MK-50 REXTORP	0	4	0	10	0	0	0	0	1	0	7	8	30
WATT PINGERS	1	10	0	0	2	0	2	1	0	0	1	0	17
BOUNCE PINGERS	0	3	0	3	0	0	0	0	0	0	0	0	6
MK-50	0	0	0	0	0	0	0	0	0	0	0	0	0
INSTALLS													
MK-48 ADCAP	27	21	30	20	20	51	30	15	28	27	12	27	308
MK-46 REXTORP	16	5	2	34	40	11	21	23	21	17	7	30	227
MK-30	16	14	9	25	33	14	22	12	18	10	16	12	201
MK-48	1	14	3	0	14	3	2	8	2	10	1	6	64
TPA MK-84	0	31	0	0	3	0	12	14	0	0	0	0	48
MK-50 REXTORP	0	18	1	11	1	0	0	0	1	0	7	8	47
MK-46	0	0	0	2	8	2	1	4	0	6	0	1	24
WATT PINGERS	1	9	0	0	2	0	2	1	0	0	1	0	16
BOUNCE PINGERS	0	3	0	3	0	0	0	0	0	0	0	0	6
MK-50	0	0	0	0	0	0	0	0	0	0	0	0	0
REMOVALS													
MK-30	12	10	15	18	24	20	19	11	21	15	18	7	190
MK-46 REXTORP	22	3	7	16	40	21	24	4	27	10	8	2	184
MK-48 ADCAP	0	3	22	11	23	10	5	21	11	21	27	13	167
MK-48	5	3	5	11	3	0	13	1	1	8	0	0	50
MK-46	2	0	0	0	0	10	5	5	0	9	3	4	38
MK-50 REXTORP	2	3	1	3	0	0	0	0	0	0	0	4	13
BOUNCE PINGERS	0	0	0	2	0	0	0	0	0	0	0	0	2
MK-50	0	0	0	0	0	0	0	0	0	1	0	0	1
TPA MK-84	0	0	0	0	2	0	0	0	0	0	0	0	0
WATT PINGERS	0	0	0	0	0	0	0	0	0	0	0	0	0
RECERT													
MK-30	19	17	8	21	8	10	16	19	17	16	13	7	171
MK-48 ADCAP	5	4	5	14	8	21	13	4	31	9	5	0	119
MK-46 REXTORP	0	1	0	1	3	0	1	1	1	0	0	4	12
MK-46	0	0	0	0	1	0	1	2	1	2	3	0	10
MK-50 REXTORP	0	2	0	3	1	0	0	0	0	0	0	3	9
MK-48	0	0	0	0	2	0	0	0	0	0	3	0	5
BOUNCE PINGERS	0	0	0	0	0	0	0	0	0	0	0	0	0
MK-50	0	0	0	0	0	0	0	0	0	0	0	0	0
TPA MK-84	0	0	0	0	0	0	0	0	0	0	0	0	0
WATT PINGERS	0	0	0	0	0	0	0	0	0	0	0	0	0
ON-RANGE REPORTED FAILURES													

MK-48 ADCAP	0	0	2	0	0	2	1	1	0	4	7	7	17
MK-46 REXTORP	0	0	1	0	2	0	1	1	1	3	0	0	9
MK-30	0	1	1	0	0	2	0	0	0	0	1	1	6
MK-46	0	0	0	0	0	2	1	0	0	0	2	1	6
TPA MK-84	0	3	0	0	0	0	0	3	0	0	0	0	6
MK-48	1	1	0	0	0	0	0	0	0	0	0	0	2
BOUNCE PINGERS	0	1	0	1	0	0	0	0	0	0	0	0	2
MK-50 REXTORP	0	0	0	0	0	0	0	0	0	0	0	0	0
MK-50	0	0	0	0	0	0	0	0	0	0	0	0	0
WATT PINGERS	0	0	0	0	0	0	0	0	0	0	0	0	0

VESSEL OPERATIONS	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
VESSEL PINGER INSTALLS	5	8	4	9	2	4	6	6	4	9	3	3	63
VESSEL PINGER REMOVAL	9	3	4	7	3	3	3	7	8	3	7	6	63
VESSEL PINGER RECHECK	2	2	0	0	0	0	2	0	0	2	4	0	12
ON-RANGE REPORTED FAILURES/QA ANALYSIS	0	1	0	0	1	0	0	0	0	1	0	0	3

		Groton, CT	Norfolk, VA	Kings Bay, GA	Port Canaveral	Other Locations
SSN-21	INSTALL	3	0	0	0	1
	REMOVAL	2	1	1	0	0
	RECHECK	0	0	0	0	0
SSN-688	INSTALL	11	9	0	0	0
	REMOVAL	6	11	0	0	0
	RECHECK	0	2	0	0	0
SSN-688i	INSTALL	8	7	0	0	1
	REMOVAL	5	6	0	0	2
	RECHECK	1	0	0	0	1
SSBN-726	INSTALL	0	0	18	0	0
	REMOVAL	0	0	21	0	0
	RECHECK	0	0	1	0	0
OTHER						
CANADIAN SUBMARINE	INSTALL	0	0	0	0	1
	REMOVAL	0	0	0	0	1
	RECHECK	0	0	0	0	0
UK SURFACE	INSTALL	0	0	0	0	1
	REMOVAL	0	0	0	0	1

	RECHECK	0	0	0	0	0
<i>UK SUBMARINE</i>	INSTALL	0	0	0	0	2
	REMOVAL	0	0	0	0	1
	RECHECK	0	0	0	0	0
<i>US SURFACE</i>	INSTALL	0	0	0	0	1
	REMOVAL	0	0	0	0	2
	RECHECK	0	0	0	0	0
<i>AUTEC RANGE CRAFT</i>	INSTALL	0	0	0	0	1
	REMOVAL	0	0	0	0	4
	RECHECK	0	0	0	0	6
<i>Other SUBMARINE</i>	INSTALL	0	0	0	0	1
	REMOVAL	0	0	0	0	1
	RECHECK	0	0	0	0	1
TOTAL INSTALLS		22	16	18	0	9
TOTAL REMOVALS		13	18	22	0	12
TOTAL RECHECK		1	2	1	0	9

APPENDIX 2.8

Nomenclature	Model #	Qty
ADAPTER COMMUNICATIONS	CMA02A	6
AIP-FW/LATR	67000-2	19
AMPLIFIER LINEAR	61055B	7
AMPLIFIER POWER	Various	3
AMPLIFIER STEREO POWER	MC2250	2
AMPLIFIER,AUDIO FREQUENCY	Various	5
ANALYZER,SPECTRUM	35660A	1
ATTENUATOR	Various	7
BEACON RADIO EPIRB	Various	6
BINOCULAR	MK45	1
BINOCULARS NIGHT VISION	MPN30K	1
BUOY-TRANSPONDER SE	AN/SQQ-18A	19
CAL TEST ADAPTER MK 519		2
CHARGER BATTERY	518	1
CHARGER BATTERY (6 UNIT)	V	5
CHARGER BATTERY (RADIO)	NTN4734A	9
CHARGER BATTERY PORTABLE	85-915	2
CHARGER BATTERY RADIO	V	13
CHARGER, SMART	WPLN4111AR	16
CHARGER/ANLZ/COND BATTTRY	TDN9430A	1
COLOR ECHO SOUNDER	V850	1
COMPASS FLUXGATE DIGITAL	Various	5
COMPUTER	Various	5
COMPUTER NOTEBOOK	Various	11
COMPUTER, PORT MK12 XBT	CDV8T10	3
COMPUTER, PORT MK21 XBT	LCD-V8.13	1
CONTROL REMOTE (URC-94)	Various	27
MARS CONTROLLER	N/A	4
CONTROLLER TERMINAL NODE	Various	37
CONVERTER,FREQUENCY,STATIC	5350B	1
CONVERTER,GYRO (A-D)	AD-100	3
COUNTER MICROWAVE PULSE	585C	1
COUNTER,ELECTRONIC,DIGITAL READO	Various	5
COUNTER,UNIVERSAL	DC503A	2
CRIMPER MAXI	1328	1
DEPTH SOUNDER DIGITAL	LX300	4
DETECTOR CRYSTAL	N/A	1
DRILL, ELECTRIC PORTABLE	1320-90	2

DRILL/DRIVER CORDLESS	DW995	1
DRIVE CD-ROM	LH10	1
DRIVE, HARD	Z750USB	1
DUMMY LOAD		1
DUMMY LOAD,ELECTRICAL	8135	1
EPIRB W/INTERGRAL GPS,406MHZ,CAT1,RLB-35	ACR/RLB-35	3
FACSIMILE, RICOH, MODEL 2050L	FAX2050L	1
FATHOMETER	Various	2
FILTER DUAL HI/LO	852	5
FUNCTION GENERATOR	Various	5
GENERATOR WAVEFORM ARBIT	75	1
GENERATOR,FUNCTION,ANALOG COMPUT	3311A	1
GENERATOR,FUNCTION,ELECTRONIC TE	33120A	1
GENERATOR,PULSE	Various	3
GENERATOR,RAMP	RG501	1
GENERATOR,SIGNAL	8403A	2
GRINDER BENCH	JBG-8A	1
HAILER MARINE	Various	8
INTERFACE COMPAS GYRO	NCT-27	5
INVERTER POWER DC-DC	32-12-10	2
LOCATOR REFERENCE DGPS	4000RL	1
LORAN C NAVIGATOR	ML-320	1
LORAN C RECEIVER	RAYNAV 780	1
MACHINE FACSIMILE	MFC1950MC	1
METER DIGITAL LCR	878	1
METER MEGGER	BM400/2	1
MIXER AUDIO SIGNAL 6 INP	JHI-23-AR11100	2
MODEM PRIVATE LINE	Various	12
MODULATOR DATA	DTM/00	3
MODULATOR,TEST SET	8734B	1
MODULE, LOAD ELECTRONIC DC	63106	1
MODULE, MAINFRAME, 2 LOAD	6312	1
MONITOR	51091	6
MONITOR,TARGET,TORP	MK-26 MOD 0	2
MULTIMETER	Various	4
NAVIGATION SET,SATELLITE SIGNALS	AN/PSN-11	9
NAVIGATOR DGPS W/ANTENNA	Various	17
NAVIGATOR GPS	MX10	2
NAVIGATOR GPS HANDHELD	GPS NAV5000D	2
NAVIGATOR, LORAN-C, WITH ANTENNA AND	LC-90MARK-11	1
OSCILLOSCOPE DIGITAL	Various	8

OSCILLOSCOPE STORAGE	9304	1
PAGER RADIO PAGEBOY	A03CJC2468AA	1
PLOTTER GRAPHICS	7475A	2
PLOTTER, GPS/CHART	GP-1900C	1
PLUG-IN UNIT,ELECTRONIC TEST EQU	Various	43
POWER INVERTER (PORTAWATTZ)	12-115-65	2
POWER SENSOR	Various	53
POWER SUPPLY BEACON	SPB-23-AR10300	13
POWER SUPPLY DC	E3615A	3
POWER SUPPLY HEAVY DUTY	Various	47
POWER UNIT,RESISTANCE HEATING,SO	PPS-200C	1
PRESS DRILL 15 1/2" FLOR	113.2452	1
PRESSURE GAUGE 0-800 PSI		1
PRINTER, LASERJET 4100N	Various	3
PROBE	P6015	1
PROGRAMMER EPROM	Various	3
PROGRAMMER,TARGET PORTABLE	MODO	1
RACK,ELECTRICAL EQUIPMENT	TM 506	9
RADAR MARINE RASTER SCAN	Various	5
RADAR, MARINE HSB	R80	3
RADIO MARINE VHF/FM	Various	28
RADIO REPEATER 2 CHANNEL	HI PRO MKI VHF	2
RADIO SET	AN/ARC-159(V10	8
RADIO, VHF, ASTRO DIGITAL	H09KDC9PW5BN	14
RADIOTELEPHONE SSB	SEA 222	16
READER BAR CODE	LT64	1
READER/WRITER PC CARD	PCD-30P	2
RECEIVER BEACON DUAL CHN	8800	6
RECEIVER DATA	D300	3
RECEIVER DATA LONG RANGE	LRD-1	2
RECEIVER TRANSMITER PORT	PT400	7
RECEIVER,NAVTEX,IMO & GMDSS APROVED	NX-500	5
REELING MACH CABLE HAND	RL274/WQM6	2
REFRIGERATOR	Various	2
RELOCATABLE VAN - SATS	SATS TEST VAN	3
RESISTOR DECADE	N/A	1
SAFE FILING CABINET	SF-C5	1
SAW,RECIPROCATING,PORTABLE,ELECT 18-VOLT	DW938	1
SCANNER 300 CHANNEL PROG	PRO-2004	2
SET COMM SATELLITE	403034	2
SIMULATOR TARGET RADAR	M28126	2

SIP/LATR	67400-2	12
SONAR FISH FINDER	XED 550	1
SUPPLY, POWER	PF 7000	4
SYSTEM FATHOMETER	DF3200	1
SYSTEM RECEIVR DGPS CACR	A110-001G2	25
SYSTEM WIND/SPEED/DIRECT	04503N	10
SYSTEM, LABELING, P-TOUCH MODEL	PT-2300/2310	1
TELEPHONE UNDERWATER	ATM-504A	6
TEST SET	8050A-01	1
TEST SET COMMUNICATIONS	8920A	1
TEST SET DEPTH SOUNDER	DSTS-4A	1
TEST SET TRANSDUCER	TT-2	1
TEST SET,RADIO FREQUENCY POWER	Various	3
TEST SET,WIND SPEED AND DIRECTIO	UQM-5	1
TESTER TRANSPONDER	6127	1
THEODOLITE	WILD-T1	1
TIMER ON/OFF	HHI-23-AR10900	1
TORQUE DRIVER 2-36 IN/LBS		1
TRANSCEIVER AIR BAND VHF	IC-A22	3
TRANSCEIVER PX300 FMV	P1116A	6
TRANSCEIVER RADIO FM	Various	29
TRANSCEIVER VHF RADIO	Various	18
TRANSCEIVER VHF SABER	Various	25
TRANSCEIVER VHF/UHF/FM	TM-733A	1
TRANSDUCER CHANNEL 2	TR-293	1
TRANSDUCER CHANNEL 3	TR-294	1
TRANSDUCER SONAR	37223750	1
TRANSDUCER WAFER ASSEMBL	AN/WQM-6	1
TRANSFORMER CHASSIS ASSY	37223757-001	1
TRANSPONDER RADAR BEACON	Various	13
TRANSPONDER SET	AN/DPN-78	67
TRANSPONDER,TARGET	MK-1 MOD-2	8
UNIT DISPLAY MARINE RADAR SYSTEM	FR-7062	2
UNIT TEST SET PORTABLE	N/A	4
VAND SYSTEM	1874091	1
WISE BENCH H/DUTY	WF-2	1
VOLTMETER	Various	2
WATTMETER	Various	5
WAVEMETER	X532B	1
WRENCH,TORQUE	8710-1582	2

APPENDIX 2.9

Nomenclature	Model No.	Quantity
20MHZ FUNCTION GENERATOR P/I	FG5010	5
3-PHASE VOLTAGE SOURCE	EPS1000	1
50-TURN COIL	5500A	1
AC RATIO TRANSFORMER	1011	2
AC VOLTMETER	403B	1
AC/DC CURRENT CLAMP	I410	4
ACOUSTIC CALIBRATOR	4231	1
AGILE SIGNAL GENERATOR RDF	8645A	1
AIR VELOCITY METER	8330	1
AM/FM Test Source	11715A	1
AMMETER	931	2
AMPLIFIER	465A	1
AMPROBE	TM-43A	1
ANALOG BENCH SCALE 200 LB	BD-200	4
ANALOG SCALE 6250 LB CS WPB	2151	1
ANEROID BAROMETER	MIL-B-17896	3
ARBITRARY WAVEFORM GENERATOR	75	2
ATMOSPHERIC MONITOR	PHD ULTRA	3
ATTENUATOR SET	11581A	1
AUDIO ANALYZER	8903A	3
AUDIO OSCILLATOR	200CD	6
AUTOTRANSFORMER	W10MT3W	1
B.I.M. BLADES CHECK/FILL UNIT	S1670-15000-25	1
BANDPASS FILTER	AF501	1
BANDPASS FILTER 170 MHZ	125B8NM170/4.5	1
BATTERY CONDUCTANCE ANALYZER	MICRO500XL	1
BATTERY METER	MK27	1
BEAM SCALE 32 LB MD ASD	NONE	1
BEAM SCALE 350 LB MD ASD	439	1
BRICKWALL FILTER	716-11	2
BURST ERROR SIMULATOR	JHM-24-AN11200	1
CABLE TENSIO METER	T5-2002-101-00	4
CAL TEST ADAPTER MK 519	2837984	2
CALIBRATION FIXTURE 1000:1 DIV	067-0529-00	1
CALIBRATION FIXTURE M2	067-0712-00	1
CALIBRATION GENERATOR	PG506	2
CALIBRATOR	5700AOPT03	1
CAPACITANCE ANALYZER	LC53	6
CAPACITANCE METER	130A	1
CAPACITOR	505R	3
CAP-IND ANALYZER	LC75	2
CESIUM FREQUENCY STANDARD	FTS4050	1
CHARGING SCALE	TIF9000	1
CLAMP-ON METER	32	1
CLAMP-ON METER	150	1
CLAMP-ON VOLT-OHM-AMMETER	RS-1000	6
COAXIAL STEP ATTENUATOR 11DB	8494B	2

COMMUNICATIONS ANALYZER	4000	2
COMMUNICATIONS SERVICE MONITOR	R-2400A	1
COMMUNICATIONS SYSTEM ANALYZER	R-2600CHS	1
COMPOUND GAUGE 30HG/15PSI	Various	12
COMPTOR BORE GAGE SET	CM2 CLASS SR(Z)	4
CONNECTOR GAGE	31A	1
CONTROL CABLE TEST SET	MK-519-MOD-0	5
COUNTER/TIMER	6401	1
COUNTER/TIMER PLUG-IN	DC504A	11
CRYSTAL DETECTOR W/VIDEO LOAD	423B OPT002 003	2
CURRENT SHUNT	4360	1
CURRENT SHUNT	4361	1
CURRENT SHUNT	X1468	1
DC ELECTRONIC LOAD MODULE 250W	63107	1
DC ELECTRONIC LOAD MODULE 600W	63106	1
DC MILLIAMMETER	428B	1
DC MILLIAMMETER PANEL	NONE	1
DC POWER SUPPLY	6226B	1
DC POWER SUPPLY	E3615A	7
DC VOLTAGE STANDARD	AN3100	2
DECADE CAPACITANCE STANDARD	1423-A	1
DECADE CAPACITOR	1412BC	1
DECADE CAPACITOR	CDA-2	1
DECADE CAPACITOR	CDB-3	1
DECADE RESISTANCE STD	71-634	1
DECADE RESISTOR	1433N	1
DECADE RESISTOR	1434QC	2
DEPTH GAGE SET	440	1
DEPTH GAGE SET 12 IN	NONE	1
DEPTH SCALE 6 IN	448	1
DETECTOR	1238	1
DIAL BORE GAGE	545-136	1
DIAL CALIPER 6 IN	7L10881	1
DIAL CALIPER 12 IN	84	1
DIAL INDICATOR	Various	10
DIAL INDICATOR DEPTH GAGE	60412J	1
DIELECTRIC TEST SET 15KV	220015	2
DIFFERENTIAL PREAMPLIFIER	7A22	2
DIGITAL CALIPER 6 IN	Various	3
DIGITAL CALIPER 12 IN	CD-12	1
DIGITAL CALIPER 24 IN	SERIES 500	1
DIGITAL CAPACITANCE METER	820	2
DIGITAL CAPACITANCE METER	830	1
DIGITAL CARGO SCALE 10000 LB	GSE 350	1
DIGITAL CLAMP-ON METER	93-8010	2
DIGITAL DYNAMOMETER 2000 LB	MSI7200	1
DIGITAL FIELD STRENGTH METER	DFSM-10	1
DIGITAL HEIGHT GAGE 24 IN	HDS-G24	1
DIGITAL ILLUMINOMETER	93-1065F	1
DIGITAL INDICATOR	4310A	3

DIGITAL MULTIMETER	Various	150
DIGITAL OSCILLOSCOPE	Various	47
DIGITAL PARCEL SCALE	9534	2
DIGITAL PHOSPHOR OSCILLOSCOPE	TDS 5052	1
DIGITAL PRESS GAUGE 20 PSIA	300D	12
DIGITAL PRESS IND 40 PSIA	15000	1
DIGITAL PRESS IND 300 PSIG	15000	1
DIGITAL PRESS IND 2000 PSIG	15000	1
DIGITAL PRESS IND 10000 PSIG	15000	1
DIGITAL PRESSURE GAUGE 20 PSIA	300G/270	1
DIGITAL RADIOMETER	DM365X	2
DIGITAL SCALE	854F100P	12
DIGITAL STORAGE OSCILLOSCOPE	Various	15
DIGITAL TACHOMETER	1306	2
DIGITAL TEMPERATURE INDICATOR	4202B-13-15	1
DIGITAL THERMOMETER	840	1
DIRECTIONAL COUPLER	Various	4
DIRECTIONAL POWER SENSOR	4021/4022	4
DIVERS DEPTH GAUGE 0-150 FT	NONE	8
DRY BLOCK TEMP CALIBRATOR	FDB650SP	1
DS3 TRANSMISSION TEST SET	3789B	1
DS3 TRANSMISSION TEST SET	3789B	1
DUAL HI-LO FILTER	852	6
DUAL TRACE PREAMPLIFIER	7A18	11
DUMMY LOAD	8135	1
DUMMY LOAD	DA-412A/U	1
DUROMETER HARDNESS TESTER	306L	1
DYNAMIC SIGNAL ANALYZER	Various	17
DYNAMOMETER	Various	5
DYNAMOMETER W/REMOTE	Various	5
EARTH GROUND TESTER	250202 (DET2/2)	1
EARTH GROUND TESTER	DET2/2	1
EDDY CURRENT TESTER	LOCATOR UH	1
ELECTRIC POWER DEMAND ANALYZER	808/106	1
ELECTRONIC GAGE INDICATOR	519-805	1
ELECTROSTATIC VOLTMETER	ESM 5000	6
FET PROBE SET	P6201	1
FIBER OPTIC POWER METER	FO600	1
FILTER SYSTEM	6000 MF64-00-1	1
FIXED ATTENUATOR 10DB	36069	1
FIXED ATTENUATOR 20DB	768-20	1
FIXED ATTENUATOR 30DB	768-30	1
FLUIDIZED BATH	SBS-4	1
FORCE CALIBRATION STAND	10K	1
FORCE GAGE 20 LB	L-20	1
FREQUENCY COUNTER	Various	28
FREQUENCY COUNTER W/MAINFRAME	5300A/5302A	1
FREQUENCY DIFFERENCE METER	527A	1
FREQUENCY METER	X532B	1
FREQUENCY RECORDER	A601C	3

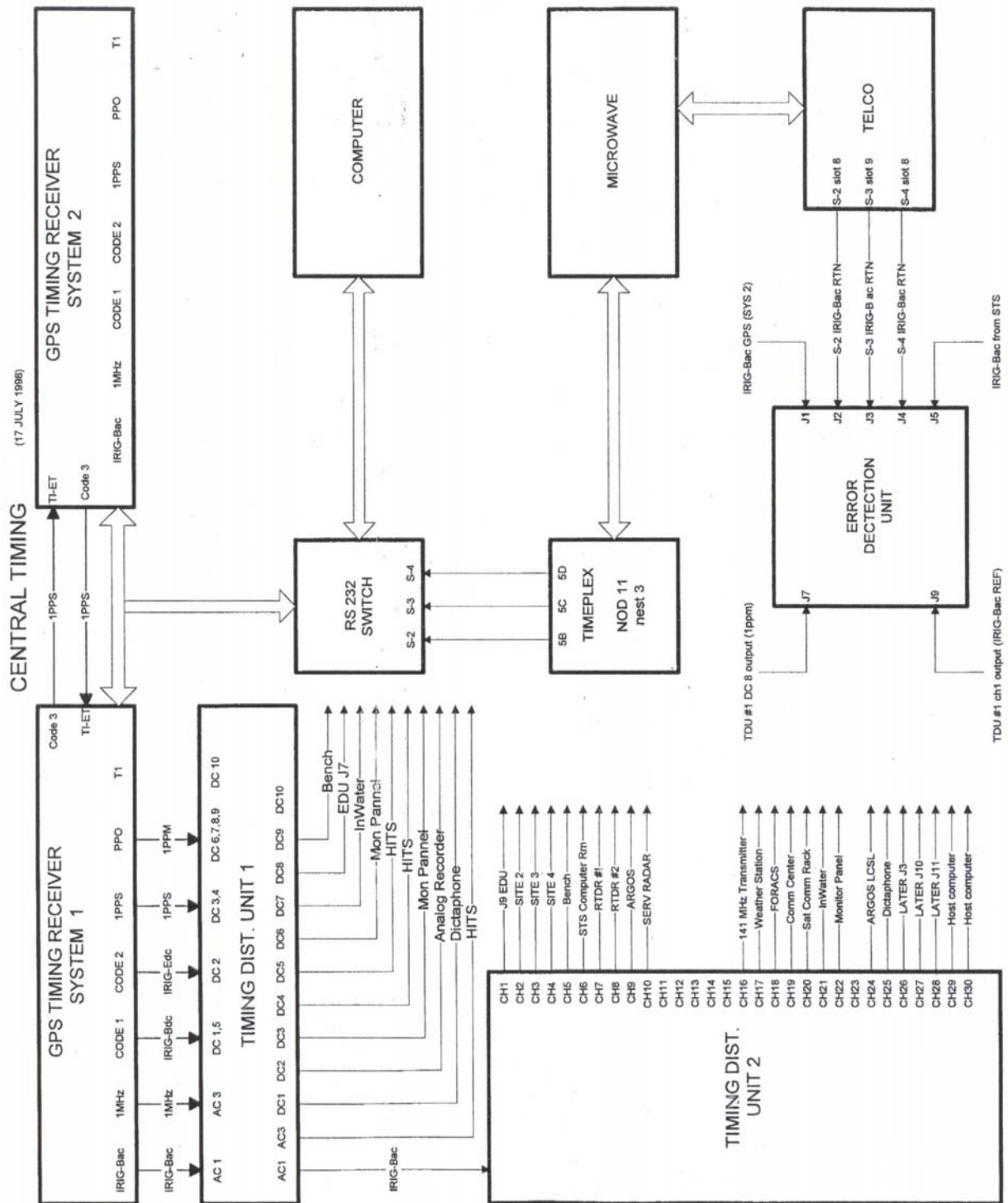
FUNCTION GENERATOR	Various	16
FUNCTION GENERATOR PLUG-IN	FG501	2
FUNCTION/ARBITRARY WAVEFORM GE	33120A	5
GAGE BLOCK GRADE 2	UAL4	2
GAGE BLOCK ACCESSORY KIT	SA25A	1
GAGE BLOCK SET	Various	4
GAGE DEPTH MICROMETER 0-6 IN	NONE	1
GAUSS/TESLA METER	4048A	1
GPS TIME CODE & FREQ GENERATOR	9390-6010	1
HANDHELD DRY WELL	9100B HDRC	1
HARMONIC POWER LOGGER	RR2-1258-4	1
HEIGHT MASTER	515-311	1
HIGH RESISTANCE METER	4329A	1
HIGH VOLTAGE PROBE	Various	4
HIGH VOLTAGE TEST SET	5220	1
HIGH-POTENTIAL TESTER	M100AV55-15-50	1
HOLTEST SET 2-2.4 IN	368-412	1
HOSE	NONE	6
HYDROMETER API 39-51	ASTM 55HL	1
HYGROTHERMOGRAPH	594	9
INFRARED PYROMETER	Various	6
INFRARED THERMOMETER	65	1
INSIDE MICROMETER SET	823BJ	1
INSTRUMENT CLEANING SYSTEM	3646	1
LCR METER	878	2
LEVELED SINE WAVE GENERATOR	SG503	2
LF IMPEDANCE ANALYZER	4192A	1
LIGHT INTENSITY METER	500	1
LOAD CELL	Various	5
LOGIC ANALYSIS TEST KIT	LTC-2	1
LOGIC ANALYZER	1650B	1
MAINFRAME	Various	5
MASTER SETTING DISC	BA-71	4
MEASURING RECEIVER	8902A	1
MEGOHM RESISTANCE BOX	1	1
MEGOHMMETER	Various	27
METER CALIBRATOR	6920B	2
METER POWER W/SENSORS	8542	1
MICROMETER/CALIPER SET	950-905	1
MICROWAVE CONVERTER	11793A	1
MICROWAVE FREQUENCY COUNTER	5350B	5
MINI OPTICAL TDR	TFS3031	1
MODULATION ANALYZER	8901A	2
MODULATION SECTION	86635A	1
MULTI-GAS DETECTOR	MX251	1
MULTIMETER	Various	49
MULTI-PRODUCT CALIBRATOR	5520A/6	1
OHMMETER	ZM-55/PSM-25A	1
OPTICAL FLAT SET 1 IN	NONE	1
OPTICAL POWER METER	FO600	1

OPTICAL TDR W/MH951A PLUG-IN	MW920A	1
OSCILLATOR	1316	1
OSCILLATOR PLUG-IN	SG502	23
OSCILLOSCOPE	Various	29
OSCILLOSCOPE MAINFRAME	Various	5
OSCILLOSCOPE PLUG-IN	SC502	2
OSCILLOSCOPE/DMM	THS720	23
OTTO FUEL VAPOR DETECTOR T/S	MK15MOD0	5
OUTSIDE MICROMETER	Various	9
OUTSIDE MICROMETER SET	2.20001	5
PEAK TO PEAK DETECTOR	067-0625-00	1
PHASE/GAIN METER	3575A	1
PINGER TEST SET MK72 MOD 0	10001-EX44333	6
PLATINUM RESISTANCE THERMOMETE	162CE	1
PNEUMATIC COMPARATOR	3461-48-105	1
POLYNOMIAL WAVEFORM SYNTHESIZE	2020-25	3
POSTAL SCALE 50 LB	1551	1
POWER DECADE RESISTOR	240C	3
POWER METER	Various	13
POWER METER CALIBRATOR	8477A	1
POWER SENSOR	8481A	10
POWER SENSOR W/ATTENUATOR	8481	2
POWER SPLITTER	1870A	1
POWER SUPPLY	Various	7
POWER SUPPLY DC	6271A	1
PRECISION AMPLIFIER	5215A	2
PRECISION CAPACITANCE BRIDGE	1616	1
PRECISION DECADE CAPACITOR	1413	1
PRECISION SOUND LEVEL METER	TYPE 2232	1
PRESETTER	MK-437-MOD-0	2
PRESSURE CONTROLLER	PCM1000-1	1
PRESSURE GAUGE	Various	151
PRESSURE GAUGE HYDRAUL 10K PSI	X1-2	2
PRESSURE RELIEF VALVE	330-A01-KC	1
PRESSURE RELIEF VALVE 2240 PSI	504	2
PRESSURE STANDARD	UPS3000AFC	1
PROBE HIGH VOLTAGE	80K-40	1
PROGRAMMABLE AC CALIBRATOR	5200A	1
PROGRAMMABLE COUNTER/TIMER	DC5010	2
PROGRAMMABLE MULTIMETER P/I	DM5010	3
PROGRAMMABLE OSCILLATOR	SG5010	1
PROVING RING 5000 LB	S200	1
PSYCHROMETER	566	1
PULSE GENERATOR	Various	3
PULSE/CW MICROWAVE COUNTER	Various	4
PULSE/FUNCTION GENERATOR	Various	7
PUMP, HYDRAULIC RAM, HAND DRIV	10A	1
PWR SENSOR W/20DB ATTN AM6309	8481H	1
PYROMETER TYPE E	4000A	1
RAMP GENERATOR PLUG-IN	RG501	1

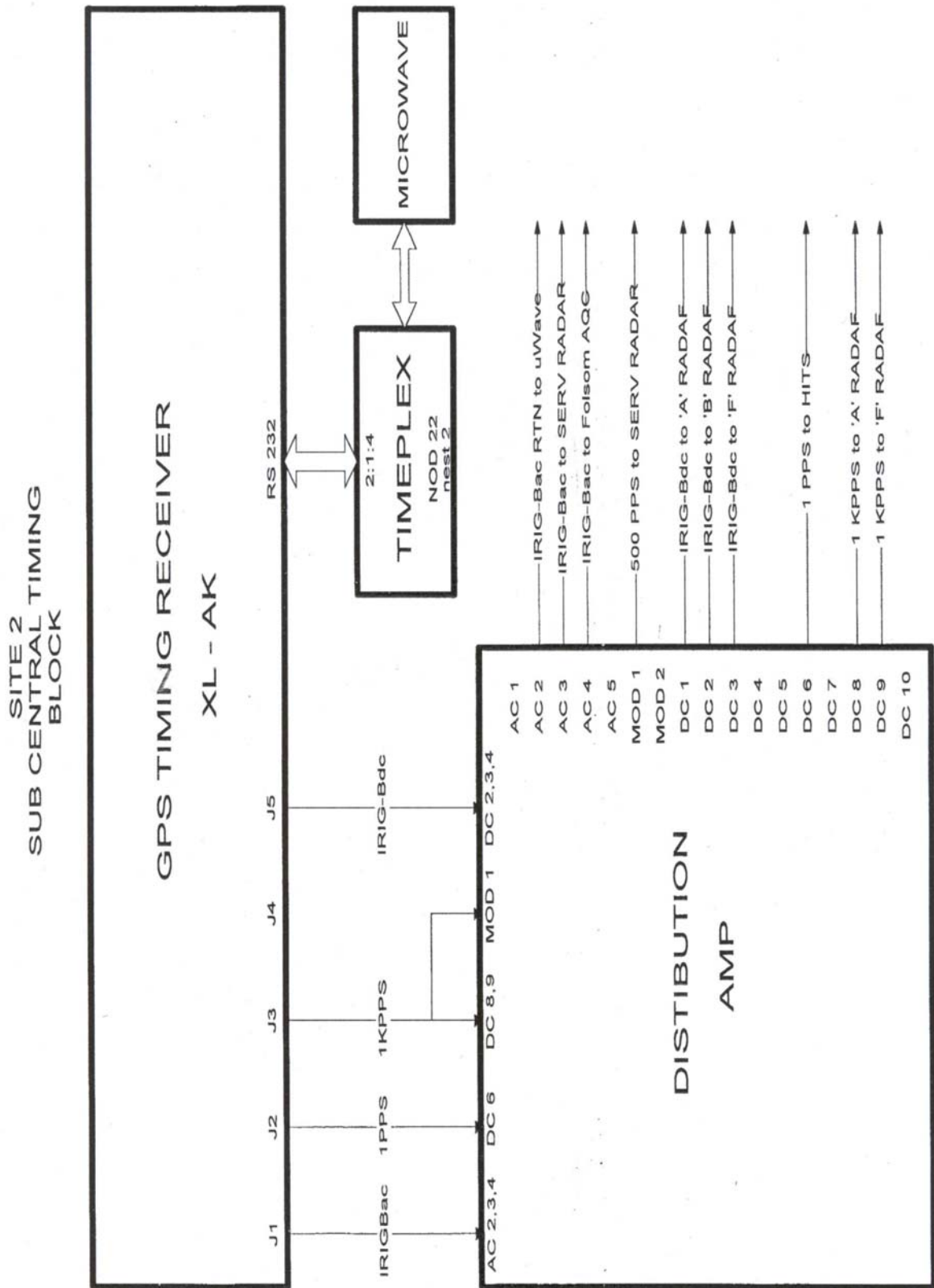
RANGE CALIBRATOR	11683A	1
RC BOX	16340A	1
RECORDING MULTIMETER	605-2	3
REFRIGERATED BATH	RB-12	1
RELAY TEST SET	SR-90	1
RESISTANCE TESTER	DB603	1
RF AMPLIFIER	8447A	1
RF COMMUNICATIONS TEST SET	8920	2
RF POWER AMPLIFIER	550L	1
RF POWER METER	4421P-107	1
RF POWER METER W/SENSOR	4220A/51075	1
RF SECTION	86603A	1
RISER BLOCK	515-117	1
RMS VOLTMETER	3400A	1
SAFETY RELIEF VALVE	Various	26
SCALE	Various	3
SCOPEMETER	97	6
SENSOR MODULE	11722A	2
SETTING PLUG RING GAUGE SET	5/8-11 UNC-2A	1
SIGNAL ANALYZER	6110	1
SIGNAL GENERATOR	Various	7
SIGNATURE ANALYZER	Various	12
SPRING SCALE	Various	4
STABILIZED LIGHT SOURCE	MG93B	1
STANDARD INDUCTOR	1482	10
STANDARD MEASURING ROD SET	234A1 TO 234A19	1
STANDARD RESISTOR	Various	10
STEP ATTENUATOR	Various	19
STORAGE OSCILLOSCOPE	466	3
STORAGE OSCILLOSCOPE MAINFRAME	7623A	3
SUBMERSIBLE PRESSURE GAUGE	Various	10
SUPER CRICKET	TF46	1
SURFACE FINISH COMPARATOR STD	16.1RA/119.5RA	1
SURFACE PLATE GRADE AA 18X24	80628	1
SURFACE RESISTIVITY METER	475	2
SURFTEST	211	1
SWEEP GENERATOR	8601A	1
SWEPT SIGNAL GENERATOR	83630B	1
SWR BRIDGE SET	SC3470B	1
SWR METER	415D	1
SYNTHESIZED SIGNAL GENERATOR	Various	4
SYNTHESIZED SWEEP GENERATOR	83752	2
SYNTHESIZER/FUNCTION GENERATOR	3325A	9
SYNTHESIZER/LEVEL GENERATOR	3335A	1
TACHOMETER	1538-A	1
TEMP/HUMIDITY TEST CHAMBER	TH JR	1
TEMPERATURE CONTROLLER	TC-8D	1
TEMPERATURE PROBE	80 TK	1
TEST KIT	830	1
TEST OSCILLATOR	652A	1

TEST PLUG IN	11707A	1
THERMAL CONVERTER	Various	5
THERMAL TRANSFER VOLTMETER	6A	1
THERMISTOR MOUNT	478A	1
THERMOMETER	Various	11
THREAD MEAS. WIRES SET .0550	34HS	1
TIES BATTERY CELL MONITOR	MK562 MOD 1	1
TIME BASE UNIT	Various	10
TIME DOMAIN REFLECTOMETER	1503C	1
TIME MARK GENERATOR PLUG-IN	TG501	2
TIME SYNTHESIZER	5359A	2
TIRE INFLATOR ASSEMBLY	1065	2
TIRE PRESSURE GAUGE	TGA160	11
TIRE PRESSURE GAUGE 0-100 PSI	NONE	1
TORQUE ANALYZER	EMH-150	1
TORQUE CAL FIXTURE	IHM-25-AN17600	2
TORQUE CALIBRATOR 0-50 IN/LBS	7095	1
TORQUE DRIVER	Various	55
TORQUE TESTER	1000 PF	1
TORQUE TOOL	Various	10
TORQUE WRENCH	Various	215
TRANSDUCTANCE AMPLIFIER	5220A	1
TRANSDUCER SIMULATOR	4	1
TRANSMISSION TEST SET	Various	15
TRIPLE BEAM SCALE	2610G	1
TRUE RMS CLAMP METER	337	3
TRUE RMS MULTIMETER	Various	27
TTI TEST SET	LDEX-48144	1
TWO-CHANNEL FIELD RECORDER	DASH II MT	1
TYPEK THERMOCOUPLE THERMOMETER	39658-K	1
UNDERWATER THICKNESS METER	DMU	1
UNIVERSAL FREQUENCY COUNTER	53131A	16
VACUUM GAUGE 0-30 IN HG	Various	5
VACUUM PUMP	D25	1
VAND SYSTEM	1874091	1
VARIABLE ISOLATION TRANSFORMER	PR57	1
VERNIER CALIPER	Various	6
VERNIER HEIGHT GAGE 18 IN	255	1
VOLT/CURRENT CALIBRATOR	IVC-222	1
WATTMETER	43	8
WAVE ANALYZER	3581A	1
WAVEFORM SYNTHESIZER	178	2
WEIGHT 100 GM CLASS S1	Various	4
WEIGHT SET 1 KGM CLASS C	Various	5
WHEEL LOAD SCALE	WSA20000AG	1
WRISTSTRAP TESTER	A98100	5
X-Y RECORDER	7035B	1

AUTEC CENTRAL TIMING BLOCK DIAGRAM Figure #tbd



AUTEC SUB-CENTRAL TIMING BLOCK DIAGRAM Figure #tbd



Appendix 2.9.1 AUTEC Timing Systems

- ATS/ASTS: The ATS is located on the 2nd deck of the CCB and is comprised of two independent systems that autonomously synchronize themselves to within 1 microsecond of GPS time within 10 minutes of applying power. They provide timing signals to a common distribution chassis. Each system includes a Cesium Frequency Standard with a typical stability of 1×10^{-12} parts per month or better to maintain time synchronization with UTC in the event of loss of GPS signals. All timing code signals are buffered and retransmitted to external tracking and data collection systems by the distribution chassis. The ASTS at the downrange Sites 2, 3, & 4, and WPB have independent systems that autonomously synchronize to within 1 microsecond of UTC using GPS within 10 minutes of applying power. Downrange IRIG-B AC signals are sent over the microwave communications system to Site 1 for constant monitoring. The clock in WPB is not currently monitored at, or controlled from, Site 1. ATS/ASTS can generate simultaneous pulse trains from 1 pulse per minute to 100,000 pulses per second in programmable decade steps. These systems are also capable of generating sine waves at 1 and 10 kHz.
- 141.0 MHz FM RF signal is used for transmission of time code signals. Compatible receivers for remote site installation and reception of the transmitted RF time codes are available to satisfy Range User requirements.
- Four Rubidium-type atomic frequency standards are used to support Range User and/or in-house tests with remote precision timing requirements over long time periods. Refer to Figure #tbd for a block diagram of the ATS and ASTS.
- Portable Timing Equipment:
 - Time Code Generators (TCGs): AUTEC has portable Time Code Generators (TCGs) for installation aboard test vessels or wherever remote time and/or timing station signals are required. These units can be synchronized from an externally transmitted IRIG-B time code signal (i.e., RF, GPS, etc.) and generate IRIG-B time codes (AC and DC), and fixed pulse rates of 1, 1K, and 1M pulses per second at TTL logic levels.
 - Data Gathering System Synchronizer (DGSS): AUTEC has portable Data Gathering System Synchronizers (DGSS) for installation aboard test vessels or wherever visual display of Time-of-Day and pulse rates of 1, 100K, 1M pulses per second as well as 1 pulse per minute at TTL logic levels are required. Their primary function is to provide a 1 pulse per minute output signal at a non-standard logic level for synchronizing weapon fire control systems on board US and UK submarines.
 - GPS Portable Receivers: AUTEC has portable GPS Timing Receivers that provide IRIG-B Time Code, 1 pps, and 1 kpps outputs as well as one programmable output for unusual or abnormal pulse rates up to 1 Mpps.
 - IRIG-B Time Code Receivers: AUTEC has VHF-FM receivers utilized for receiving RF time code signals transmitted from Site 1. The output of these receivers is used to synchronize remote timing stations.

APPENDIX 2.10

AUTEC MACHINE SHOP/WELDING EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Model No.</u>	<u>Qty</u>
Plate Surface	Baldrig	-	1
Sander Belt	DOALL	4206	1
Machine Winding	DI-ACRO	-	1
Grinder	Gorton	375-4	1
Machine Forming	Niagara	349	1
Lathe Toolmaker	Sprgfild	S	1
Grinder Pedestal	Prat Wht	ND12	1
Machine Grinding	Excello	44A	1
Machine Milling	Cincinna	3DTHS	1
Bandsaw	Doall Co	MP20	1
Machine Drilling	Hamilton	VARI	1
Drill Radial	Cincinna	1R	1
Machine Engrave	Gorton	3U	1
Press Hydraulic	Dake	75H	1
Machine Shear	Cincinna	1406	1
Machine Punching	Rotex	18A-52	1
Lathe Engine	Boye	E	1
Machine Forming Bench TP	O'Neil	N02 0 1201 1	
Micrometer Set	Brn & Shar	6224U	1
Micrometer Set IS	Giddings	-	1
Micrometer Set IS	PRH	-	1
Brake Bending	Kreis	L31	1
Saw Sabre Portable	Milwaukee	6510	1
Notcher Tab	DI-Acro	2	1
Grinder Lathe	US Elec	A	1
Drill Motor 3/8"	Rockwell	756	1
Saw Hack Power Hydraulic	Keller	5HYDUTY 1	
Press Arbor Hand Oper	FAMCO	6C	1
Square Precision 18"	Brn & Sharp	540	1
Gauge Set Surface	Baird	-	1

AUTEC
MACHINE SHOP/WELDING EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Model No.</u>	<u>Qty</u>
Drill Motor 1/2"	Thor	825G	1
Gauge Bore	Starrett	84-111-7	1
Gauge Bore	Starrett	241	1
Gauge Bore	Starrett	DR558526-B-3	1
Caliper Vernier 39"	Etalon	-	1
Caliper Vernier 24"	BRS	-	2
Pyrometer Surface	Pyrometr	S-5060	1
Grinder Inch	US Elec	HA6	1
Drill Motor 3/8" VSP/REV	Ing-Rand	SP6039	1
Machine Milling	Bridgept	12BR2J-48 1	
Grinder Elec Hand Held	Ing-Rand	B CAT NO 8064	1
Saw Cutoff Machine	AEG	2300S	1
Sander/Grinder 4"	Makita	9501B	1
Drill Motor 3/8" VSP/REV	Blk & Deck	1172-90	1
Nibbler #8 HD	Blk & Deck	691	1
Tester Deflection	Riken	NO. 2	1
Lathe Tool Precision	Hardinge	HLV-H	1
Saw Circular 10 1/4"	Skil	860	1
Tap & Die Set	Greenfld	SET NO 4 1	
Drill Motor 3/8" VSP/REV	Blk & Deck	1180-90/100	1
Sander Disc Pneumatic	AIR Inc	716 TYPE B	1
Drill Motor 1/2"	Skil	6746	1
Drill Motor 3/8"	Blk & Deck	1190 TYPE 100	1
Drill Press Electromagnetic	Milwaukee	4202	1
Rotary Tool-Grinder Hand	Dremel	395 TYPE 3	1
Sander/Grinder 4"	Makita	9501B	1
Kit Broach/Bushing	Dumont	10-10A	1
Arc Welder Machines	-	-	5
MIG Welder Base Units	-	-	2
With One Wire Feed	-	-	

AUTEC
MACHINE SHOP/WELDING EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Model No.</u>	<u>Qty</u>
TIG Welding Machines	-	- 2	
One-Ton Hydraulic Bench Press	-	- 1	
Four-Ton Hydraulic Bench Press-		- 1	
Oxyacetylene Cutting Rigs	-	- 3	
Electric Cut-Off Saw	-	- 1	
Machine Cutting Torch	-	- 1	
Grinder Pedestal	Baldor	8107W	1
Belt Sander	Doall Co.	4206	1
Plasma ARC Cutter	Miller	Spectrum 1500	1
Saw Reciprocating	Keller	-	1
Drill Press	Wilton	5816	1
Band Saw	Manhattan	951466	1
Lathe	Jet	1340R	1
Horizontal Band Saw	Jet	HBS-9M	1
Miscellaneous Hand Tools, Test Meters, Shop, and Office Equipment	(Various)	-	-
<u>Portable Welders</u>	<u>USN#</u>	<u>Yr Mfg'd</u>	<u>Qty.</u>
Welder ARC/Trailer	51-23111	90	1
Welder ARC/Trailer	51-77558	89	1
Welder ARC AC/DC (TIG)	51-77559	89	1
Welder ARC AC/DC (TIG)	51-23779	92	1

APPENDIX 2.11

AUTEC ANCILLARY DIVE EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Model No.</u>	<u>Qty</u>
Binoculars 7x50	Bausch & Lomb	MARK 28	1
Cable Cutter	Morse	1A	1
	Pell	P	1
Sewing Machine	Consew	206RB	1
3/8" Drill	Black & Decker	1180-95	1
Boat, Utility	22UB9108		1
Outboard Motor, 100HP	OMC	E100WTLNE	2
Boat Trailer			1
Cable Swaging Tool	ATI	AT520-JX	1
		Nat Tele 635	1
Helmet, Helo	Gentex	SPH-38	2
		68H1835-1	1
Pneumatic Tools	Various	-	-
Computer, Dell		P4, 2.3GHZ	1
Cassette Recorder	Various	-	
Monitor Video	Various	-	2
Machine Ice Maker		-C400S	1
Pressure Washer	Honda	GX390	1
Breathing Air Module	-	BAM07-E3	1
Camera	HandyCam	CCD-TR81	2
Camera Still	Nikonos	Nikonos-V	1
Camera Still	Nikonos	Nikonos-III	1
Wire Crimper	-	3433T71	1
Pinger Receiver	-	UPR 100R	

APPENDIX 3.1

Class II Real Property

The Government provides a Public Works compound, shop buildings and equipment, at Site 1 for vehicle/equipment maintenance, air-conditioning repair, as well as electrical work, plumbing, carpentry, and painting. The nursery, power plant, batch plant, sandblasting facility, sewage treatment plant, reverse osmosis plant, water tower, solid waste processing center, and tank farm are examples of other Government furnished facilities.

The Government provides utilities at the downrange sites.

A small chemistry lab is provided at Site 1 for purposes of performing preliminary potable water quality, sewage plant effluent, and boiler water analysis. The chemistry laboratory is not a certified facility and cannot perform compliant environmental analysis.

FACILITY NO	FACILITY_NAME	LENGTH	WIDTH	CATEGORY _CODE	AREA_UN IT_MEAS
1001	RADAR EQUIPMENT BUILDING	40	24	21710	SF
1003	HELICOPTER HANGER	83	89	21105	SF
1003	HELICOPTER HANGER	83	89	21105	SF
1003	HELICOPTER HANGER	83	89	21105	SF
1004	ADMIN	130	37	61010	SF
1005	HELICOPTER LANDING PADS	700	98	11120	SY
1007	SEPTIC TANK/DRAIN FIELD NO 1			83130	
1009	FLAGPOLE			69010	
1011	COMMUNICATIONS ANTENNA			13210	
1014	RAWIN BLDG	30	20	21710	SF
1015	AIR OPS PASSENGER LOUNGE	25	20	14111	SF
1017	SECURITY-PASS/ID	32	24	21710	SF
1017	SECURITY-PASS/ID	32	24	21710	SF
1018	WELL FIELD/PUMP			84150	
1019	BASE CHAPEL	77	27	73083	SF
1023	FLAMMABLE STORAGE HELIPORT	15	11	14378	SF
1027	TORPEDO CAGE RECOVERY AREA	320	350	39015	
1030	HELIPORT RANGE USER FACILITY	62	31	31520	SF
1031	FUEL TRUCK BERM-HELIPORT			85110	SY
1032	SONOBUOY LOCKER-SITE 1	40	20	14377	SF
1033	RANGE USER HANGAR	80	80	21104	SF
1034	500 GA DIESEL BERM-HELIPORT	34		87135	
1101	BALL FLD/LIGHTED/16384 SF	128	128	75020	
1102	TENNIS COURT/LIGHTED	120	60	75010	
1103	BASKETBALL COURT/7980 SF	114	70	75010	
1106	VOLLEYBALL COURT	60	30	75010	
1107	SCHOOL DAYCARE CENTER	180	89	73055	SF
1107	SCHOOL DAYCARE CENTER	180	89	73055	SF
1107	SCHOOL DAYCARE CENTER	180	89	73055	SF

1107	SCHOOL DAYCARE CENTER	180	89	73055	SF
1108	RACQUETBALL COURT	66	43	75010	
1109	BALLFIELD CONCESSION STAND	27	14	74005	SF
1109	BALLFIELD CONCESSION STAND	27	14	74005	SF
1110	COMMUNITY REC SHELTER	24	20	73066	SF
1192	SEWAGE LIFT STATION			83230	
1201	BACH.CIV. QTRS(OFF)/LOUNGE	258	45	72413	SF
1201	BACH.CIV. QTRS(OFF)/LOUNGE	258	45	72413	SF
1201	BACH.CIV. QTRS(OFF)/LOUNGE	258	45	72413	SF
1202	DINING FACIL(E/M CIV EQUIV)	165	72	72231	SF
1203	ELEVATED WATER TANK		32	84130	
1204	BACH.CIV BARRACKS (EN)	268	37	72121	SF
1205	MESS HALL	88	36	74060	SF
1206	DISPENSARY/DENTAL CLINIC	116	35	55010	SF
1206	DISPENSARY/DENTAL CLINIC	116	35	55010	SF
1207	LAUNDRY/LOUNGE/SNACKBAR	187	50	74066	SF
1207	LAUNDRY/LOUNGE/SNACKBAR	187	50	74066	SF
1207	LAUNDRY/LOUNGE/SNACKBAR	187	50	74066	SF
1208	FUEL OIL TANK AT BOQ			82160	
1209	MM STANDBY BOILER SHELTER	16	16	89009	SF
1210	FUEL OIL TNK AT SUBSIST BLDG			82160	
1211	FUEL OIL TANK AT BARRACKS			82160	
1212	FUEL OIL TANK AT LAUNDRY			82160	
1213	DOUBLET ANTENNA C			13210	
1215	ADMIN WEST	200	37	61010	SF
1216	SANITARY FACILITY	34	31	73075	SF
1217	DRY/PERIS STG BLDG	72	24	72231	SF
1217	DRY/PERIS STG BLDG	72	24	72231	SF
1218	COLD STORAGE WAREHOUSE	68	36	72231	SF
1218	COLD STORAGE WAREHOUSE	68	36	72231	SF
1220	MM CHILLER STRG	72	40	72231	SF
1221	CONCRETE BLOCK HSG. NO 1	171	44	72414	SF
1221	CONCRETE BLOCK HSG. NO 1	171	44	72414	SF
1222	CONCRETE BLOCK HSG. NO. 2	171	44	72413	SF
1223	CONCRETE BLOCK HSG. NO. 3	171	44	72423	SF
1224	CONCRETE BLOCK HSG. NO. 4	171	44	72423	SF
1225	CONCRETE BLOCK HSG. NO. 5	171	44	72423	SF
1226	CONCRETE BLOCK HSG. NO. 6	171	44	72423	SF
1227	CONCRETE BLOCK HSG NO. 7	171	44	72423	SF
1228	CONCRETE BLOCK HSG. NO. 8	171	44	72423	SF
1229	CONCRETE BLOCK HSG NO. 9	171	44	72423	SF
1230	CONCRETE BLOCK HSG NO. 10	171	44	72423	SF
1231	BOS QUARTERS	257	49	72131	SF
1232	FREEZER FACILITY	60	40	72250	SF
1233	SATTELLITE RECEIVING ANTENNA			75035	
1301	BX RETAIL STORE	97	65	74001	SF
1302	FINANCE OFFICE	67	24	61010	SF
1303	POST OFF/BEAUTY SHOP	67	24	73085	SF
1303	POST OFF/BEAUTY SHOP	67	24	73085	SF
1303	POST OFF/BEAUTY SHOP	67	24	73085	SF
1304	ER/THEATER/TECH TRNG BLDG	81	49	61010	SF
1304	ER/THEATER/TECH TRNG BLDG	81	49	61010	SF

1304	ER/THEATER/TECH TRNG BLDG	81	49	61010	SF
1305	TENNIS COURT/LIGHTED	120	60	75010	
1313	BX WAREHOUSE	100	50	74086	SF
1317	CATV ANTENNA TOWER			75035	
1318	CATV RECEIVING BUILDING	8	8	13135	SF
1319	SATELLITE RECEIVING ANTENNA			75035	
1320	TVRO SATELLITE EARTH STATION		23	75035	
1321	RO WELL FIELD/PUMPS			84150	
1322	SATELLITE RECEIVING ANTENNA			75035	
1323	CATV RECEIVER ANTENNA			75035	
1324	ELEC CART STOR/BAT CHRG AREA	38	16	85235	SY
1368	LAUNDRY DETACHED	50	20	72330	SF
1368	LAUNDRY DETACHED	50	20	72330	SF
1401	FIRE STATION/POLICE	77	108	14125	SF
1401	FIRE STATION/POLICE	77	108	14125	SF
1402	DISL OIL STG TNK/86940 GA		25	41130	
1403	EVAPORATOR PLANT/2 AT 10TG E	38	19	84109	SF
1404	POWER PLANT/5000 KW	145	64	81109	SF
1405	PUBLIC WORKS SHOP	94	50	21910	SF
1405	PUBLIC WORKS SHOP	94	50	21910	SF
1406	AUTO VEH MAINTENANCE	49	29	21420	SF
1407	WAREHOUSE NO. 1	269	48	44110	SF
1411	PUBLIC WORKS SHOPS	144	24	21910	SF
1412	PW STORAGE NO. 2	36	24	21420	SF
1413	GENERAL WAREHOUSE	100	40	44110	SF
1414	VEHICLE MAINT SHOP	130	30	21420	SF
1415	MECO DISTILLATION BUILDING	40	20	89077	SF
1418	PW CARPENTER SHOP	60	30	21910	SF
1419	DIESEL ENGINE OVERHAUL SHOP	62	30	21910	SF
1420	SUPPLY ADMIN. BLDG.	32	50	61010	SF
1421	CONTROLLED HUMIDITY WAREHOUS	100	50	44120	SF
1421	CONTROLLED HUMIDITY WAREHOUS	100	50	44120	SF
1424	CONCRETE SERVICE PAD	70	55	85235	SY
1425	HOUSING WAREHOUSE	80	50	73077	SF
1426	1000 KW INERTIA PADS (2)			85235	SY
1427	WASTE OIL STRG FAC			41182	
1428	DIESEL ENGINE WASHDOWN			21455	SF
1500	FUEL FARM BERM	360	288	87135	
1501	AV JET TANK	34	10	12430	
1502	AVJET TANK / FUEL LINE	34	10	12430	
1503	DIESEL STG TNK/424486 GAL		43	41130	
1505	TREATED WATERTANK		64	84140	
1506	WATER SUPPLY PUMP HOUSE	28	11	84350	SF
1506	WATER SUPPLY PUMP HOUSE	28	11	84350	SF
1507	WATER TREATMENT UTILITY BLDG	17	12	84109	SF
1508	WATER FILTERS (2) 2.24TGM			84110	
1509	RAW WATER TANK		64	84440	
1511	WATER CATCH PUMP FAC 700 GM	22	9	84120	
1512	SEWAGE TREATMENT BLDG	17	12	83109	SF
1517	WATER CATCHMENT BASIN	1345	100	84152	SY
1520	RAW WATER TANK		64	84440	
1521	FLAMMABLE STORAGE AREA	48	24	44130	SF

1524	INFILTRATION GALLERY WATER	1310	18	84150	
1526	SEWAGE EFFLUENT PUMP STATION	9	9	83229	SF
1528	SEWAGE FILTER BED	240	160	83110	
1529	PROJECTS MATLS SHED	100	120	44135	SF
1530	STORAGE RDT&E WAREHOUSE	100	50	44110	SF
1531	AV-JET FUEL STRG. TANK	31	9	12430	
1536	CONCRETE BATCH PLANT	50	11	22920	
1537	RO PLANT BUILDING	50	30	84109	SF
1538	MOGAS TANK - 20000 GA	34	10	12450	
1539	F-963 RESEARCH WAREHOUSE	100	100	31520	SF
1540	COVERED STORAGE NURSERY	32	30	21977	SF
1541	FIRE TRAINING FACILITY			17950	AC
1542	FASCO STORAGE FAC PAD	121	47	85235	SY
1543	CHEM LAB	30	20	21910	SF
1543	CHEM LAB	30	20	21910	SF
1544	HAZARDOUS WASTE STORAGE FAC.	80	40	83141	SF
1545	FASCO GUARDHOUSE	8	8	73025	SF
1546	TACAN LF NDB ANTENNA			13410	
1547	TACAN NDB TOWER/ANTENNA			13420	
1548	TACAN INSTR BLDG	10	8	13325	SF
1549	ABRASIVE BLAST FAC	82	66	21359	SF
1550	SOLID WASTE PROCESSING CTR			83330	SY
1551	HAZMART FACILITY	103	68	41225	
1552	BATCH PLT CNTRL HSE	12	12	22820	SF
1553	AVJET/DIESEL BOTTOM LOADER			12120	
1601	MASTER SEWAGE LIFT STATION 2	17	12	83229	SF
1602	RANGE SUPPORT SHOP	293	152	31520	SF
1603	SEWAGE LIFT STATION #2 2 AT	17	12	83229	SF
1604	COMMAND CONTROL BLDG	230	229	31940	SF
1606	BLAST DEF WALL/SEC FENCE	1240	27	87215	
1607	GUARD SHACK AT WPNS SHOP	8	8	73025	SF
1612	RANGE MARKER NO. 2			13820	
1624	GEN WAREHOUSE R/I RDT&E	100	40	31915	SF
1628	ANTENNA POLE/WIRE – SSB			13210	
1629	BEACH RECREATION FACILITY	77	40	74066	SF
1630	BEACH BARBEQUE AREA	44	30	75057	
1632	SEWAGE LIFT STA NO 3 SHED	8	8	83229	SF
1640	ARA HOBBY SHOP STORAGE	55	16	73077	SF
1641	MK48 FACILITY	50	40	31520	SF
1642	HOBBY SHOP ARTS & CRAFTS	100	40	74036	SF
1645	ARA HOBBY SHOP STORAGE	54	16	73077	SF
1646	ARA HOBBY SHOP STORAGE	54	16	73077	SF
1649	SEWAGE EFFLUENT PUMPSTA SHED	9	9	83229	SF
1650	RANGER USER FACILITY	40	30	31520	SF
1660	SEWAGE TREATMENT PLANT	85	32	83110	
1663	AVJET FUEL TANK/61 110 GAL		20	12430	
1669	HAZARDOUS MATERIAL STORAGE A	120	100	45110	SY
1672	BEACH RECREATION AREA	75	75	75057	
1673	BANDSTAND	31	17	75057	
1676	RANGE OPS & INSTR LAB-CCB AN	80	40	31940	SF
1678	COMMUNITY CENTER	120	40	74039	SF
1678	COMMUNITY CENTER	120	40	74039	SF

1678	COMMUNITY CENTER	120	40	74039	SF
1678	COMMUNITY CENTER	120	40	74039	SF
1678	COMMUNITY CENTER	120	40	74039	SF
1679	MONOPOLE TOWER 150 FT.			37120	
1681	RANGE USER SHOP FAC. NO. 2	81	100	31520	SF
1682	SPEARFISH R/U FACILITY	40	41	31520	SF
1683	R/U EQUIP COVERED STORAGE	60	40	39020	
1684	TORPEDO POST RUN FAC	218	54	31520	SF
1685	SATELLITE EARTH STATION			13210	
1686	SEWAGE FILTER SAND PIT			85240	SY
1687	STANDBY GENERATOR FAC	40	30	81159	SF
1688	APS MUSE PAD			85240	SY
1689	500 GA DIESEL TANK/BERM	14	8	87135	
1689	500 GA DIESEL TANK/BERM	14	8	87135	
1690	SSB/HF ANTENNA			13210	
1691	MULTI-FUNCTIONAL TOWER			13210	
1692	STINGRAY DE-PREP FAC	34	22	31520	SF
1693	CHLORINATOR SHELTER	4	4	83229	SF
1694	FILLING STATION	16	16	12315	SF
1701	TRANSMITTER BUILDING	38	19	13150	SF
1702	BOTTLED GAS STORAGE BUILDING	49	12	44135	SF
1703	SEPTIC TANK/DRAIN FLD NO 2			83130	
1705	CONICAL MONOPOLE ANTENNA B			13210	
1712	NORFOLK DOUBLET ANT			13210	
1713	HIGH FREQ DIPOLE ANTENNA ARR			13210	
1714	NMCB OFFICE/SHOP BLDG	100	40	17120	SF
1715	NMCB VEHICLE WASHRACK	40	16	17120	SF
1716	RNMCB TIRE REPAIR SHOP	24	13	17120	SF
1717	RNMCB BOTTLE STORAGE FAC	8	6	17120	SF
1718	BOTTLED GAS STORAGE	48	28	44135	SF
1801	ACID STORAGE FAC	45	17	44130	SF
1802	MAGAZINE A	27	12	42148	SF
1803	MAGAZINE B	17	12	42148	SF
1804	HIGH EXPLOSIVE MAGAZINE	50	25	42122	SF
1805	SALT WATER PUMP STA 480 GM	18	12	84510	SF
1806	RADAR BUILDING	30	20	31940	SF
1810	RUBBLE FLUME	42	6	87120	
1811	FLUME NO. 2	40	2	87120	
1812	FLUME NO. 3	40	2	87120	
1901	WELDING SHOP	24	21	32110	SF
1902	SMALL CRAFT PIER	483	50	15520	
1903	NORTH JETTY	2598	12	16420	
1904	SOUTH JETTY	3019	12	16420	
1905	LOADING RAMP NO. 1	60	34	15966	
1906	WATERFRONT OPERATIONS BLDG	74	24	15964	SF
1907	SEPTIC TANK/DRAIN FLD NO 3			83130	
1909	PILE MOORING/SMALL BOAT			16330	
1910	QUAY WALL	430		15220	SY
1910	QUAY WALL	430		15220	
1911	RANGE MARKER NO. 1			13820	
1913	RIGGERS/LABORERS SHOP	56	24	15964	SF
1914	SMALL BOAT REPAIR SHOP	36	24	15964	SF

1917	DIESEL FUEL FILTER	9	9	12516	
1919	PUBLIC TOILET	19	17	73075	SF
1921	INSTRUMENT TEST TOWER	16	16	37115	
1922	MARINE OPERATIONS BLDG.	102	50	15964	SF
1922	MARINE OPERATIONS BLDG.	102	50	15964	SF
1923	BOAT RAMP #3	60	30	15966	
1925	SEWAGE PUMP STATION #5	8	8	83229	SF
1927	RECREATION BOATHOUSE	24	16	74037	SF
1934	OCEAN HAULDOWN FACILITY	60	40	31037	SF
1935	TEST MODEL FACILITY	120	49	32010	SF
1937	OHDF OFFSHORE TOWER			37120	
1938	MACHINE/WELD SHOP	121	40	32110	SF
1939	DEHOSING FACILITY	231	14	32010	SF
1940	AEROSTAT MOORING PLATFORM	18	17	85240	SY
1941	HARRISON WHRF REFUELING STA			12220	
1942	CCB BEACH LIFT STA			83230	
1945	BOOM REEL	10	30	85240	SY
1970	THEODOLITE TOWER	18	18	37115	
1971	THEODOLITE TOWER	18	18	37115	
1972	THEODOLITE TOWER	18	18	37115	
1973	RADAR/THEO REFLECTOR			39015	
1974	RADAR/THEO REFLECTOR			39015	
2001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF
2001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF
2002	INSTRUMENTATION BUILDING	81	24	31940	SF
2003	GENERATOR BUILDING 400KW	38	33	81109	SF
2004	RADAR TOWER	16	16	37115	
2005	THEODOLITE TOWER	16	16	37115	
2006	WATER STORAGE TANK NO. 1		10	84140	
2007	PUMP SHED	17	11	84209	SF
2008	DIESEL STG TANK NO 1/5000 GA	17	7	41130	
2010	RAMP/LANDING CRAFT/60 LF	61	36	15966	
2012	HELICOPTER LANDING PAD	100	100	11120	SY
2013	WHARF	140	30	15260	SY
2015	SEPTIC TANK AND DRAINFIELD	8	4	83130	
2019	MOORING DOLPHIN NO. 1/3 PI			16310	
2020	MOORING DOLPHIN NO. 2/3 PI			16310	
2021	RADAR CALIB TOWER NO. 1			39015	
2022	BREAKWATER			16410	
2023	LEVEES	240		16430	
2026	RANGE MARKER NO. 1			13820	
2027	RANGE MARKER NO. 2			13820	
2030	RECREATION FACILITY	20	12	74054	SF
2033	WATER TANK POTABLE	22	22	84140	
2034	DIESEL FUEL TANK 6000GA	20	8	41130	
2037	WEATHER SHELTER RF TEST EQUI	4	4	31940	SF
2041	RADAR FACILITY	18	18	37115	
2043	STORAGE BUILDING	30	20	14377	SF
2043	STORAGE BUILDING	30	20	14377	SF
2044	MESS FACILITY	36	24	72231	SF
2045	SATELLITE RECEIVING ANTENNA			75035	
2046	DIGITAL MICROWAVE TWR-SITE 2			13210	

2047	STS INSTRUMENTATION BLDG	10	10	31940	SF
2048	SATELLITE RECEIVING ANTENNA			75035	
2049	GAZEBO	17	17	74078	SF
2050	ACQ RADAR TOWER			37115	
2060	OASYS-ESM SYSTEM TOWER		16	37115	
3001	CIVILIAN BARRACKS W/MESS	61	24	72131	SF
3001	CIVILIAN BARRACKS W/MESS	61	24	72131	SF
3002	INSTRUMENTATION BUILDING	61	24	31940	SF
3003	GENERATOR BUILDING 400 KW	38	33	81109	SF
3004	SEPTIC TANK AND DRAINFIELD	8	4	83130	
3005	THEODOLITE TOWER	16	16	37115	
3006	WATER STORAGE TANK		10	84140	
3007	PUMP SHED	17	11	84209	SF
3008	DIESEL STORAGE TANK/5000 GA	17	7	41130	
3010	RAMP/LANDING CRAFT/60LF	60	36	15966	
3012	HELICOPTER LANDING PAD	100	100	11120	SY
3013	WHARF	140	30	15260	SY
3019	MOORING DOLPHIN NO. 1/3 PI			16310	
3020	MOORING DOLPHIN NO. 2/3 PI			16310	
3021	LEVEE	110		16430	
3031	WATER TANK POTABLE	22		84140	
3032	DIESEL FUEL TANK 6000 GA	20	8	41130	
3033	RADAR BORESITE TOWER			39015	
3037	SEPTIC TANK & DRAIN FIELD			83130	
3038	RADAR INSTRUMENTATION BLDG.	40	20	31940	SF
3039	WEATHER SHELTER RF TEST EQUI	4	4	31940	SF
3040	WATER TANK – POTABLE	21	9	84140	
3041	INSTRUMENTATION TOWER (OFFSH	19	19	37115	
3044	STORAGE BUILDING	30	20	14377	SF
3044	STORAGE BUILDING	30	20	14377	SF
3046	TRACK RADAR PEDESTAL – C	18	17	13470	
3047	TRACK RADAR PEDESTAL – D	18	17	13470	
3049	SATELLITE RECEIVING ANTENNA			75035	
3050	GAZEBO	20	20	74078	SF
3051	STS INSTRUMENTATION BLDG	10	10	31940	SF
3052	SATELLITE RECEIVING ANTENNA			75035	
3053	MICROWAVE TOWER			13210	
3810	HELICOPTER PAD	100	100	11120	SY
3961	POWERHOUSE/WATER TREATMENT	24	24	81109	SF
3962	INSTRUMENT/QUARTERS BUILDING	62	37	72423	SF
3963	WATER STORAGE TANK			84140	
3964	WATER STORAGE TANK			84140	
3965	ANTENNA TOWER/GUY ANCHORS			13210	
3968	DIESEL STORAGE TANK			41130	
3970	DIESEL STORAGE TANK			41130	
3972	DIESEL STORAGE TANK			41130	
3973	DIESEL STORAGE TANK			41130	
3974	SEPTIC TANK			83130	
3975	RAIN WATER STORAGE TANK			84140	
3976	RAIN WATER STORAGE TANK			84140	
3977	DIESEL FUEL TANK			41130	
4001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF

4001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF
4002	INSTRUMENTATION BUILDING	41	24	31940	SF
4003	GENERATOR BLDG 400 KW	38	33	81109	SF
4004	SITE 4 GALLEY	39	24	72231	SF
4006	WATER STORAGE TANK NO. 1		10	84140	
4007	PUMP SHED	17	11	84209	SF
4008	DIESEL STG TANK NO 1/5000 GA	17	7	41130	
4010	RAMP/LANDING CRAFT/60LF	60	36	15966	
4012	CIVILIAN BARRACKS	25	21	72131	SF
4014	DIESEL STG TANK NO 10 000 GA	26	8	41130	
4016	HELICOPTER LANDING PAD	102	94	11120	SY
4017	WHARF	140	61	15260	SY
4021	SEPTIC TANK/DRAIN FIELD NO.1	8	4	83130	
4023	HELIX HOUSE	20	12	14377	SF
4024	SEPTIC TANK/DRAIN FIELD NO.2	8	4	83130	
4025	MOORING DOLPHIN NO. 1/3 PI			16310	
4026	MOORING DOLPHIN NO. 2/3 PI			16310	
4027	LEVEE	40		16430	
4040	W TANK POTABLE	22		84140	
4044	INSTRUMENTATION TOWER (OFFSH	19	19	37115	
4048	STORAGE BUILDING	30	20	14377	SF
4048	STORAGE BUILDING	30	20	14377	SF
4049	MESS FACILITY	36	24	72231	SF
4050	DIGITAL MICROWAVE TWR SITE 4			13210	
4051	SATELLITE RECEIVING ANTENNA			75035	
4052	STS INSTRUMENTATION BLDG	10	10	31940	SF
4053	RADAR INSTRUMENT BLDG.	10	10	31940	SF
4054	SATELLITE RECEIVING ANTENNA			75035	
7001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF
7001	CIVILIAN BARRACKS W/MESS	81	24	72131	SF
7002	INSTRUMENTATION BUILDING	81	24	31940	SF
7003	GENERATOR BUILDING 400 KW	37	33	81109	SF
7005	THEODOLITE TOWER	16	16	37115	
7006	WATER STORAGE TANK		10	84140	
7007	PUMP SHED	16	11	84209	SF
7008	DIESEL STORAGE TANK/5000 GA	16	7	41130	
7010	RAMP	60	34	15966	
7012	HELICOPTER LANDING PAD	100	100	11120	SY
7013	WHARF	140	30	15260	SY
7014	BREAKWATER	120	20	16410	
7017	SEPTIC TANK AND DRAINFIELD	8	4	83130	
7018	LEVEE	170		16430	
7019	MOORING DOLPHIN NO. 1/3 PI			16310	
7020	MOORING DOLPHIN NO. 2/3 PI			16310	
7025	STORAGE BUILDING	55	27	14377	SF
7028	CURB & GUTTER WITH FLUMES	300		87120	
7031	DIESEL FUEL TANK 6000GA	20	8	41130	
7032	WEATHER SHELTER RF TEST EQ	4	4	31940	SF
7033	INSTRUMENTATION TOWER (OFFSH	19	19	37115	
7034	STORAGE BUILDING	30	20	14377	SF
7034	STORAGE BUILDING	30	20	14377	SF
20200	ROAD GRADED	1800	10	85110	SY

20702	POTABLE WATER LINES	234		84210	
20800	SANITARY SEWAGE LINES	378		83210	
21905	SECONDARY ELECTRIC POWER	550		81230	
30200	DIESEL FUEL PIPING			12510	
30511	SALT WATER SUPPLY LINE			84520	
280006	DIESEL STORAGE TANK			41130	
1018T	POT WATER STRG TANK			84140	
1402B	DIESEL TANK BERM	184	184	87135	
1404E	POWER PLANT/7500 KW	149	64	81110	
1506P	WATER SUPPLY PUMP HOUSE	28	11	84320	
1506P	WATER SUPPLY PUMP HOUSE	28	11	84320	
1526S	SEWAGE EFFLUENT PUMP STA	4	4	83230	
1537P	RO PLANT EQUIPMENT			84125	
1537S	RO AIR COMPRESSOR SHED	11	6	89045	SF
1601S	MASTER SEWAGE LIFT STAT. 2	17	12	83230	
1603S	MASTER SEWAGE LIFT STATION N	17	12	83230	
1632P	SEWAGE LIFT STATION #3	8	8	83230	
1649P	SEWAGE EFFLUENT PUMP STATION			83230	
1663B	AVJET TANK BERM	136	136	87135	
1687E	STANDBY GENERATOR FAC/500 KW			81160	
1805W	SALT WATER PUMP STATION 480G	18	12	84530	
1925S	SEWAGE LIFT STA #5			83230	
2003E	GENERATOR BUILD 400 KW	38	33	81110	
2007P	WATER PUMP SHED	17	11	84215	
3003E	GENERATOR BUILDING 400 KW	38	33	81110	
3007P	WATER PUMP SHED	17	11	84215	
4003E	GENERATOR BUILDING 400KW	38	33	81110	
4007P	WATER PUMP SHED	17	11	84215	
7003E	400KW	37	33	81110	
7007P	WATER PUMP SHED	16	11	84215	
	HELIPORT PAD LIGHTING	2700		13665	
	FUEL OIL DIST LINE DIESEL	3469		12510	
	FUEL OIL DIST LINE AVJET	3584		12510	
	FUEL OIL DIST LINE – MOGAS	3600		12510	
	POL DIESEL FUEL LINE	795		12510	
	POL DIESEL FUEL LINE	630		12510	
	POL DIESEL FUEL LINE	427		12510	
	POL DIESEL FUEL LINE	700		12510	
	COMM LINES TELEMETRY			13510	
	COMM LINE (TEL.)			13520	
	TAXIWAY/HELICOPTER			11210	SY
	HELICOPTER ACCESS APRON			11320	SY
	HELICOPTER PARKING APRON			11320	SY
	HELICOPTER ACCESS APRON			11320	SY
	RSS RDT&E LAYDOWN AREA			85240	SY
	LAYDOWN AREA			85240	SY
	MISC LAYDOWN AREA			85240	SY
	STORM SEWER CULVERTS	1523		87110	
	DRAINAGE DITCHES	4290		87120	
	SECURITY WALL/MAIN GATE	81	1	87210	
	SECURITY FENCING	12462		87210	
	SECURITY FENCING	564		87210	

SECURITY FENCE	1976		87210	
SECURITY FENCE	3190		87210	
INTERIOR FENCING			87215	
FIRE ALARM SYSTEM			88010	
SEWAGE OUTFALL DITCH			83120	
SEWAGE AND WASTE LINES			83210	
WATER SUP MAIN CAVITIES	5485		84120	
WATER DIST LINE (POT)			84210	
WATER DISTRBN LINES (POT)			84210	
WATER DIST LINE (POT)	1390		84210	
WATER DIST LINE (POT)			84210	
WATER DIST LINE (POT)			84210	
FIRE PROTECTN PIPELINE			84520	
FIRE PROTECTN PIPELINE			84520	
ROADS-CORAL			85110	SY
ROADS/CORAL			85110	SY
ROADS-CONCRETE			85110	SY
ROADS			85110	SY
ROADS/CORAL			85110	SY
ROADS CORAL	1600	18	85110	SY
ROADS/BIT			85110	SY
ROADS/CONC CURBS			85110	SY
PARKING AREA/CONCRETE			85210	SY
PARKING AREA/BITUMINOUS			85210	SY
SIDEWALK	157	4	85220	SY
SIDEWALKS/CORAL			85220	SY
SIDEWALKS/CONCRETE			85220	SY
OTHER PAVED AREA			85235	SY
CATV DISTRIBUTION SYSTEM			75036	
STREET LIGHTING	11905		81220	
ELECTRIC DISTR LINES	1520		81230	
ELECTRIC DISTR LINES	995		81230	
ELECTRIC DISTR LINES	599		81230	
ELECT DISTR LINES			81230	
ELECT DIST LINE	1058		81230	
PERIMETER/SECURITY LIGHTING			81240	
OPEN STORAGE SUPPLY			45110	SY
OPEN STORAGE SUPPLY			45110	SY
OPEN STORAGE SUPPLY			45110	SY
OPEN STORAGE SUPPLY			45110	SY
SONOBUOY TRACKING SYSTEM			39019	
SONOBUOY TRACKING SYSTEM			39019	
SONOBUOY TRACKING SYSTEM			39019	

Appendix 3.1.1

Boilers and Unfired Pressure Vessels

<u>EQUIPMENT/MFG</u>	<u>LOCATION</u>	<u>CAPACITY</u>
<u>Boilers:</u>		
Boiler, Cleaver-Brooks CB-101-50	Bldg 1202	2092 lbs/hr
Boiler, Cleaver-Brooks CB-100-50	Bldg 1207	2092 lbs/hr
Boiler, Cleaver-Brooks CBH-100-30	Bldg 1209	1255 lbs/hr
<u>Unfired Pressure Vessels:</u>		
1 – Wood Industries	Bldg 1003	32.0 Cu ft
1 – Steel Fab. Co.	Bldg 1207	13.1 Cu ft
1 – Manchester	Bldg 1411	32.0 Cu ft
4 – Hanson	Bldg 1404	27.0 Cu ft
1 – Manchester	Bldg 1406	10.0 Cu ft
1 – Manchester	Bldg 1602	33.0 Cu ft
1 – Brunner	Bldg 1602	30.5 Cu ft
2 – Brunner	Bldg 2003	16.0 Cu ft
2 – Brunner	Bldg 3003	16.0 Cu ft
2 – Brunner	Bldg 4003	16.0 Cu ft
1 – Manchester	Bldg 1414	32.0 Cu ft
1 - Wood	Bldg 1714	11.0 Cu ft
1 – Buckeye	Bldg 1001	28.0 Cu ft
1 – Brunner	Bldg 1678	29.0 Cu ft
1 – Melben Products	Bldg 1922	17.5 Cu ft
1 – Texas Welding	Bldg 1626	16.0 Cu ft
1 – Manchester	Bldg 1537	16.0 Cu ft
1 – Wood	C-501	11.0 Cu ft
1 – Melben Products	Bldg 1934	8.6 Cu ft
1 – Brunner	Bldg 1938	13.3 Cu ft
1 - Roy Hanson	Bldg 1687	27.0 Cu ft
1 - Steel Fab, Inc.	Bldg 1641	17.8 Cu ft
1 – Brunner	Bldg 1684	20.3 Cu ft
1 – Melben Products	Bldg 1914	11.3 Cu ft
1 – Hanson	Bldg 1033	27.0 Cu ft
1 – Manchester	Bldg 1414	32.0 Cu ft
1 – Melben Products	Bldg 1539	11.3 Cu ft
1 – Karguard	Bldg 1681	8.0 Cu ft

Appendix 3.1.2

Generator Inventory

Site one

1. Six, Continuous service Caterpillar 3512, 870 KW generators. Location power plant.
2. One, Emergency Waukesha 2896D, 500 KW generator. Location CCB. (there is an additional Waukesha 2896D, 500 KW generator that is incomplete).
3. One, Emergency Generac 20 KW generator. Location fire & security.
4. One, Emergency Generac 100 KW generator. Location dispensary.
5. One, Emergency Generac 100 KW generator. Location NOCK building.
6. One, Emergency Generac 8 KW generator. Location admin west # 5 phone switch.
7. One, Emergency Generac 8 KW generator. Location admin west # 6 phone switch.
8. Two, Portable Caterpillar 200 KW generators.
9. Two, Portable Cummins 200 KW generator.
10. One, Portable Cummins 100 KW generator.
11. One, portable Detroit 55 KW generator.
12. One, Portable Onan 12 KW generator.
13. One, Portable Onan 60 KW generator.

Site two.

1. Two, Continuous service Caterpillar 3306, 200 KW generators.

Site three.

1. Two, Continuous service Cummins C-6, 150 KW generators.

Site four.

1. Two, Continuous service Cummins C-6, 150 KW generators.

Appendix 3.1.3

CESE and WHE/MHE

USN #	CURRENT INVENTORY:		YR
13-00113	TRUCK FORKLIFT		92
13-30877	TRUCK FORKLIFT		92
13-40028	TRUCK FORKLIFT DED		91
13-47328	TRUCK FORKLIFT		92
13-48078	TRUCK FORKLIFT		91
13-48081	TRUCK FORKLIFT		91
13-63563	TRUCK FORKLIFT DED		92
13-65528	TRUCK FORKLIFT DED		96
13-65529	TRUCK FORKLIFT DED		96
13-70273	TRUCK FORKLIFT		80
13-70275	TRUCK FORKLIFT		96
13-79749	TRUCK FORKLIFT		91
13-79750	TRUCK FORKLIFT		90
13-82873	TRUCK FORKLIFT ELEC		92
13-88844	TRUCK FORKLIFT		87
13-90973	TRUCK FORKLIFT		92
13-90975	TRUCK FORKLIFT DED		92
13-90976	TRUCK FORKLIFT ELEC		92
13-90977	TRUCK FORKLIFT DED		92
13-98403	TRUCK FORKLIFT, ELECTRIC		92
14-19716	AIRCRAFT LOADER		85
18-48651	TRUCK FORKLIFT 30K		96
18-78993	TRUCK FORKLIFT R/T		92
18-78998	TRUCK FORKLIFT R/T		91
18-78999	TRUCK FORKLIFT R/T		91
18-79141	TRUCK FORKLIFT R/T		92
18-79220	TRUCK FORKLIFT R/T	92	
18-79248	TRUCK FORKLIFT R/T		92
18-84855	TRUCK FORKLIFT R/T		91
24-03366	TRUCK, MIXER CEMENT		98
31-07487	COMPRESSOR PORT AIR		89
31-07858	COMPRESSOR PORT AIR		92
45-03913	LOADER, BACKHOE		92
45-04100	LOADER, SCOOP		96
45-04737	LOADER, BACKHOE		02
46-03154	ROLLER,VIBRATORY		95

48-17589	TRACTOR, UTILITY 67 HP		86
48-18502	TRENCHER CORAL		95
48-18541	BULLDOZER		76
48-18591	TRACTOR, UTILITY 26HP		99
48-18592	TRACTOR, UTILITY 65HP		99
51-21948	GENERATOR 55KW MOB		86
51-23111	WELDER ARC/TRAILER		90
51-23707	GENERATOR 200KW		93
51-23779	WELDER ARC AD/DC (TIG)		92
51-23892	GENERATOR 100KW		92
51-77558	WELDER ARC/TRAILER		89
51-77559	WELDER ARC AD/DC (TIG)		89
54-08749	TRUCK, SPILL		98
54-08763	AERIAL MAN LIFT SELF PROP.		98
55-99952	SWEEPER, MOTORIZED (SMALL)		92
58-02550	TRUCK, DUMPSTER		95
58-02595	TRUCK, DUMPSTER		85
71-02702	TRUCK, CRASH/FIRE/RESCUE		85
71-02734	TRUCK, CRASH/FIRE/RESCUE		87
73-02525	TRUCK, FIREFIGHTER		78
73-03115	TRUCK, FIREFIGHTER		92
82-05254	RANE, TRUCK 35 TON		90
82-05412	CRANE, R/T 80-TON		81
84-00012	TRUCK, FUEL SPILL		84
91-07656	BUS, 17 PASSENGER		91
91-08058	BUS, 21 PASSENGER		95
91-08249	BUS, 44 PASSENGER		98
92-26225	AUTO, SEDAN		90
93-25886	BUS, 15 PASSENGER		90
93-27000	TRUCK, VAN CARGO		89
93-28676	TRUCK, VAN 8 PASSENGER		92
93-28689	TRUCK, VAN, MINI		92
93-29199	TRUCK, VAN CARGO		92
93-31371	TRUCK, VAN CARGO		95
93-31372	TRUCK, VAN 8 PASSENGER		95
93-31374	TRUCK, VAN CARRYALL		95
93-33005	TRUCK, VAN CARRYALL		98
93-33206	TRUCK, VAN CARGO		98
93-33411	VAN,COMPACT 8 PAX		98
93-36007	TRUCK, VAN CARRYALL		03
93-36132	TRUCK, VAN CARRYALL		03
93-36133	TRUCK, VAN, MINI		03

94-36891	TRUCK, PICKUP 1/2 TON		88
94-36989	TRUCK, PICKUP 1/2 TON		88
94-37010	TRUCK, PICKUP 1/2 TON		88
94-46790	TRUCK, PICKUP 1/2 TON		92
94-46840	TRUCK, PICKUP 1/2 TON		92
94-50094	TRUCK, PICKUP 1/2 TON		92
94-50095	TRUCK, PICKUP 1/2 TON		92
94-50096	TRUCK, PICKUP 1/2 TON		92
94-50097	TRUCK, PICKUP 1/2 TON		92
94-50098	TRUCK, PICKUP		92
94-50099	TRUCK, FLATBED 1/2 TON		92
94-50423	TRUCK, PICKUP 1/2 TON		92
94-50426	TRUCK, PICKUP 1/2 TON		92
94-50427	TRUCK, PICKUP		92
94-50530	TRUCK, PICKUP C/C 1 TON 4X4		92
94-50546	TRUCK, VAN STEP		92
94-50751	TRUCK, VAN STEP		92
94-50752	TRUCK, VAN STEP		92
94-50753	TRUCK, VAN STEP		92
94-54537	TRUCK PICKUP 4X4		94
94-54547	TRUCK PICKUP 4X4		94
94-54818	TRUCK, VAN CARGO		93
94-56011	TRUCK, PICKUP C/C 1 TON 4X4		94
94-58025	TRUCK, PICKUP 3/4 TON 4X4		95
94-58026	TRUCK, FLATBED 3/4 TON		95
94-58089	TRUCK, PICKUP 3/4 TON		95
94-58091	TRUCK, PICKUP 1/2 TON		95
94-58260	TRUCK, PICKUP 1/2 TON		95
94-58261	TRUCK, PICKUP 1/2 TON		95
94-58262	TRUCK, PICKUP 1/2 TON		95
94-58263	TRUCK, PICKUP 1/2 TON		95
94-58298	TRUCK, 1/2 TON		95
94-58299	TRUCK, PICKUP		95
94-58300	TRUCK, PICKUP 1/2 TON		95
94-58301	TRUCK, PICKUP 1/2 TON		95
94-58302	AMBULANCE		95
94-58465	TRUCK, PICKUP 1/2 TON		95
94-58466	TRUCK, PICKUP 1/2 TON		95
94-62694	TRUCK, PICKUP		97
94-63684	TRUCK, PICKUP		98
94-63701	TRUCK, VAN CARGO		98
94-65404	TRUCK, PICKUP 1 TON		84

94-66117	TRUCK, VAN 8-PASS		00
94-66245	TRUCK, PICKUP		00
94-66827	TRUCK, PICKUP E-85		01
94-66828	TRUCK, PICKUP E-85		01
94-66829	TRUCK, PICKUP E-85		01
94-66830	TRUCK, PICKUP E-85		01
94-66831	TRUCK, PICKUP E-85		01
94-66832	TRUCK, PICKUP E-85		01
94-66833	TRUCK, PICKUP E-85		01
94-66834	TRUCK, PICKUP E-85		01
94-70001	TRUCK, 1 TON BUCKET		94
95-28925	TRUCK, VAN CARGO		92
95-28973	TRUCK, STAKEBED 4X2		93
95-29434	TRUCK, FUEL 1500 GL DSL		94
95-29475	VAN, HAZ RESPONSE		95
96-37197	TRUCK, 15YD DUMP		94
96-39502	TRUCK, DUMP HIGH LIFT		83
96-41958	TRUCK, TRACTOR		86
96-41959	TRUCK, TRACTOR		86
96-42494	TRUCK, TRACTOR JOCKEY		89
96-44084	TRUCK, TRACTOR JOCKEY		90
96-44782	TRUCK, STAKEBED 4X2		92
96-44783	TRUCK, 10 YD DUMP		92
96-45043	TRUCK, VAN CARGO		92
96-45672	TRUCK, BUCKET VERSALIFT		93
96-45683	TRUCK, FUEL 2500 GL JA1		94
96-45982	TRUCK, TRACTOR JOCKEY		95
96-45992	CRANE, TRUCK MTG STINGER		95
96-46563	TRUCK, TRACTOR		90
96-46564	TRUCK, VAN CARGO		87
96-46864	TRUCK, WRECKER		98
96-46985	TRUCK, REFUELER 2800 GL JA1		98
97-33748	TRAILER, FLATBED		85
97-38701	TRAILER, HAZMAT RESPONSE		88
97-40054	TRAILER, DUMP		92
97-40682	TRAILER, FLATBED 40 FT		95
97-40769	TRAILER, FLATBED 45'		95
97-40770	TRAILER, FLATBED 45'		95
97-40771	TRAILER, LOWBOY 48'		95
97-40772	TRAILER, LOWBOY 48'		95
G41-34931	TRUCK, VAN MINI	GSA	98
G41-60408	TRUCK, VAN MINI	GSA	02

G42-38004	TRUCK, VAN CARRYALL	GSA	00
GC-21365	GOLF CART, UTILITY		03
GC-21366	GOLF CART, UTILITY		03
GC-38521	GOLF CART, UTILITY		92
GC-38522	GOLF CART, UTILITY		92
GC-38523	GOLF CART, UTILITY		92
GC-38524	GOLF CART, UTILITY		92
GC-38526	GOLF CART, UTILITY		92
GC-39637	GOLF CART, UTILITY		92
GC-39638	GOLF CART, PASSENGER		92
GC-39808	GOLF CART, PASSENGER		92
GC-40925	GOLF CART, UTILITY		91
GC-47738	GOLF CART, PASSENGER		02
GC-47739	GOLF CART, PASSENGER		02
GC-47750	GOLF CART, PASSENGER		02
GC-47799	GOLF CART, PASSENGER		99
GC-53597	GOLF CART, UTILITY		00
GC-53606	GOLF CART, UTILITY		00
GC-53628	GOLF CART, UTILITY		00
GC-53631	GOLF CART, UTILITY		00
GC-53644	GOLF CART, UTILITY		00
GC-66822	GOLF CART, UTILITY		98
GC-66832	GOLF CART, UTILITY		98
GC-66846	GOLF CART, UTILITY		98
GC-67267	GOLF CART, UTILITY		98
GC-67269	GOLF CART, UTILITY		98
GC-67270	GOLF CART, UTILITY		98
GC-67271	GOLF CART, UTILITY		98
GC-67277	GOLF CART, UTILITY		98
GC-67278	GOLF CART, UTILITY		98
GC-67279	GOLF CART, UTILITY		98
GC-67282	GOLF CART, UTILITY		98
GC-67288	GOLF CART, UTILITY		98
GC-71158	GOLF CART, PASSENGER		95
GC-71164	GOLF CART UTILITY		95
GC-71493	GOLF CART, UTILITY		95
GC-71494	GOLF CART, UTILITY		95
GC-71495	GOLF CART, UTILITY		95
GC-75254	GOLF CART, UTILITY		99
GC-75255	GOLF CART, UTILITY		99
GC-75256	GOLF CART, UTILITY		99
GC-75257	GOLF CART, UTILITY		99

GC-75259	GOLF CART, UTILITY		99
GC-75260	GOLF CART, UTILITY		99
GC-78979	GOLF CART, PASSENGER		99
GC-78984	GOLF CART, UTILITY		99
GC-84583	GOLF CART, PASSENGER		98
GC-84584	GOLF CART, PASSENGER		98
GC-84585	GOLF CART, PASSENGER		98
GC-84586	GOLF CART, UTILITY		98
GC-84587	GOLF CART, UTILITY		98
GC-84588	GOLF CART, UTILITY		98
GC-84589	GOLF CART, UTILITY		98
GC-84590	GOLF CART, UTILITY		98
GC-84591	GOLF CART, UTILITY		98
GC-84592	GOLF CART, UTILITY		98
GC-84593	GOLF CART, UTILITY		98
GC-84594	GOLF CART, UTILITY		98
GC-84595	GOLF CART, UTILITY		98
GC-89660	GOLF CART, PASSENGER		00
GC-89661	GOLF CART, PASSENGER		00
GC-89662	GOLF CART, UTILITY		00
GC-89663	GOLF CART, UTILITY		00
GC-89664	GOLF CART, UTILITY		00
GC-89665	GOLF CART, UTILITY		00
GC-89666	GOLF CART, UTILITY		00
GC-89667	GOLF CART, UTILITY		00
GC-89824	GOLF CART, UTILITY		00
GC-89825	GOLF CART, UTILITY		00
GC-89826	GOLF CART, UTILITY		00
GV-90764	GATOR, UTILITY		00
GV-90765	GATOR, UTILITY		00

Appendix 3.1.4

Critical vehicles

USN Number	Description
82-05412	80 ton crane
82-05254	35 ton crane
96-45992	Stinger Crane
71-02734	Crash Truck
71-02702	Crash Truck
73-02525	Pumper Truck
73-03115	Pumper Truck
13-79749	RSS Weapons Forklift
96-45683	Refueler
96-46985	Refueler
94-58302	Ambulance
14-19716	K-Loader
58-02550	Refuse Truck
58-02595	Refuse Truck

APPENDIX 3.2

MAJOR AUTEC VESSELS

<u>NAME/DESIGNATOR</u>	<u>LENGTH (FT)</u>	<u>TONNAGE</u>	<u>PROPULSION</u>
RANGER	192	300 (Gross) -	Two: EMD 12-646-E6 1,500 HP Diesels
RANGE ROVER	180	300 (Gross) -	Two: Caterpillar D-399 Tac 1,125 HP Diesels
RANGEMASTER (TR-501)	110	99 (Gross) 68 (Net)	Two: GM16V-92N 600 HP Diesels
LCM(8)-6775	74	- 46 (Net)	Two: GM8V-71N 325 HP Diesels
HAMMERHEAD ONE	48	5 (Gross)	Two: Caterpillar 3196 620 HP Diesels
HAMMERHEAD TWO	48	5 (Gross)	Two: Caterpillar 3196 620 HP Diesels

Table 2: MARINE SUPPORT ANCILLARY DECK EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Qty</u>
Winch, Double Drum Mooring	SMATCO	1
Winch, General Purpose	General Dynamics	1
Winch, Towing	SEAMAC	1
Winch, Towed Array	TSE	1
Crane, Deck	Coastal	2
Generator, Portable (100 KW)	-	1
Generator, Portable 30 KW	-	1
Generator, Portable 5KW	-	1
Van, Deck (6 Person Berthing)	-	2
Van, Deck (Instrumentation/Equipment)	-	2
Van, Deck (Battery Inverter)	-	1
Roller, Stern Bolt-On (48" diameter)	-	1
Roller, Stern Bolt-On (18" diameter)	-	1
Sheave, Cable, Stern Bolt-On	-	1
Davit, Portable (750 lb. capacity)	-	1
Power Distribution Unit, Portable (30 KVa)	-	1
Ramp Recovery Systems	AUTEC	2

Appendix 3:

Table 3: MARINE SUPPORT MAINTENANCE EQUIPMENT

<u>Equipment</u>	<u>Mfr</u>	<u>Qty</u>
Drill Presses	-	4
Bench Grinders		
Air Compressor Sets	-	4
Sandblast Cabinets	-	2
Armature Oven	-	1
Portable Transformer Power Center	-	1
Belt Sander (Floor Model)	-	2
Parts Cleaning Tanks	-	7
Electric Fork Lift (Floor Model)	-	1
Pipe Threading Machine	-	1
Hydraulic Hose Assembling Machine	-	1
Hose Cut-off Saw	-	1
750 lb. Lift	-	1
Hand Bench Shear	-	1
Battery Chargers	-	2
Paint Shaker	-	1
Stencil Machine	-	1
Steam Cleaner	-	1
Pressure Washer	-	1
Band Saw	-	1
Diagnosis Diesel Kit	-	1
Miscellaneous Hand Tools, Test Meters, Shop and Office Equipment	-	Various

Appendix 3.3

Helicopter Maintenance Support Equipment

<u>Equipment</u>	<u>Mfr.</u>	<u>Model No.</u>	<u>Qty.</u>
Power Unit, Ground	Trilectron	90T400SLN-TRI	1
Compressor, Air	Portachamp	20BV15PCD	1
Hoist, Aircraft Maintenance	P&H	-	1
Towbar	Tronair	01-1185-0000	1
Jack, Aircraft Hydraulic	Tronair	02-0511-0132	1
Jack, Aircraft 20,000#	Tronair	02-1036-0100	2
Washer, Engine Compressor	Tronair	08-4049-1011	1
Platform, Maintenance	Tronair	Various	3
Light Set, Aircraft	Fostori	PUL-1000Q-CA	3
Cleaner, Steam	Northeast	F200	1
Tractor, Tow	Clark	CT50	1
Servicer, Hydraulic Fluid	Tronair	06-5010-6500	1
Charger, Battery, Aircraft	Utah	30003	1
Unit, Lubricating, Mobile	-	-	1
Adapter, Splined	Sikorski	S617 0-35062-1	1
Adapter, Wrench	Sikorski	S6170-35105-1	1
Washer, Parts Electric	Graymil	500-R	1
Sling, Hoisting	Sikorski	S6170-70004-9	1
Kit, Balancer/Analyzer	Chadwick	11270-1	1
Unit, Checking and Filling	Sikorski	S6170-15000-25	1
Hand Tools/Miscellaneous Items	-	-	Various

Table 2: AUTECH Range User Aviation Support Equipment Inventory

<u>EQUIPMENT NOMENCLATURE</u>	<u>SERIAL NO.</u>
<u>EXTERNAL POWER UNITS</u>	
A. NC/8A-1 MEPP	136008
B. NC/8A-1 MEPP	261095
C. NC/8A-1 MEPP	261835
D. NC/8A-1 MEPP	263790
<u>AIRCRAFT TOW TRACTORS</u>	
A. A/S32A-30	RYR575
B. A/S32A-30	RYR576
C. A/S32A-30	RYR577
D. A/S32A-30	RYR578
<u>MAINTENANCE PLATFORMS</u>	
A. B-1	MP0268
B. B-1	MP0365
C. B-1	MP0366
<u>PORTABLE FLOOD LIGHTS</u>	
A. A/M42M-2	QFJ215
B. A/M42M-2	QFJ220
C. A/M42M-2	QFJ223
D. A/M42M-2	QFJ226
<u>HYDRAULIC TEST STANDS</u>	
A. A/M27T-6	000191
B. A/M27T-6	000232
<u>FOAMERS</u>	
A. MAGNUS FOAM & CLEAN	011436
B. MAGNUS FOAM & CLEAN	011775
<u>CORROSION CONTROL CARTS</u>	
A. FMC13479	KFV104
B. FMC13479	KFV113
C. FMC13479	KFV153

NITROGEN SERVICING UNIT

A.	A/N 34M-2 NITROGEN SERVICING HAND TRUCK	147045
B.	A/M 34M-2 NITROGEN SERVICING HAND TRUCK	RLN094
C.	WALK AROUND BOTTLE	000240

CORROSION WANDS

A.	TBD
B.	TBD
C.	TBD

AIRCRAFT TOW BARS

A.	ALBAR-24	ALB001
B.	ALBAR-24	ALB002

DUMMY-LOAD ELECTRICAL

A.	DA-675/MSM	72449-30
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PRE-OILERS

A.	PON-6 PRE-OILER	6A-12016
B.	PON-6 PRE-OILER	A12044

TRAILERS/DOLLIES/ADAPTERS

A.	WEAPONS TRAILER	X56141
B.	BOMB TRAILER	001612
C.	DOLLY MK-24	000252
D.	ADAPTER MK-137	000239
E.	DOLLY MK-24	000255
F.	ADAPTER MK-137	000193

SMALL MAINTENANCE PLATFORMS

A.	STAND	GSE001
B.	STAND	GSE002
C.	STAND	GSE003
D.	STAND	GSE004
E.	STAND	GSE005

HYDRAULIC AUTO FLOOR JACKS & STANDS

A.	SNAP-ON 4 TON FLOOR	033840
B.	2 TON	X04393
C.	5 TON AUTO JACK STAND	000011
D.	5 TON AUTO JACK STAND	000012
E.	5 TON AUTO JACK STAND	000013
F.	5 TON AUTO JACK STAND	000014
G.	5 TON AUTO JACK STAND	000015
H.	5 TON AUTO JACK STAND	000016

MISC. SUPPORT EQUIPMENT

1.	Aero 58A Trailer Skid	000020
2.	Aero 58A Trailer Skid	002355
3.	Aero 58A Trailer Skid 002356	
4.	Aero 58A Trailer Skid 002360	
5.	Aero 58A Trailer Skid 00H123	
6.	Aero 58A Trailer Skid 00H234	
7.	Transporter Munitions NGU722	
8.	Transporter Munitions MLX728	
9.	Transporter Munitions MLZ982	

Table 3: Fixed-Wing Aircraft Maintenance and Support Equipment

<u>Equipment</u>	<u>Mfr.</u>	<u>Model No.</u>	<u>Quantity</u>
Workstand, Aircraft	Tronair	04-6001-1100	2
Test Set, Navigation	IFR, Inc.	NAV-401L	1
Cleaner, Parts, Ultrasonic	L & R Mfg.	T7B	1
Fiberscope, Flexible	Machida	RH-150A5	1
Tester, Pitot	Barfield	1811FD(M)	1
Tractor, Aircraft Tow/Tug	Giliberti	-	1
Power Unit, Ground	Hobart	60G20P	1
Compressor, Air 30 HP	Ingersoll-Rand	30	1
Jack, Nose, 10,000 LB.	Tronair	02-0526-0100	1
Towbar	Tronair	-	2
Rectifier, 24 VDC	Hobart	GPU-400	2
Test Set, Turbine	Barfield	TT 1000 A	1
Box, Breakout	Beechcraft	114-380045	1
Test Set, Fuel Quantity	Barfield	DC-400A	1
Washer, Engine Compressor	Tronair	08-4049-1010	1
Jack, Aircraft	Tronair	02-0536-0100	3
Servicer, Hydraulic Fluid	Tronair	06-5010-6500	1
Hand Tools/Miscellaneous Items	-	-	Various

Table 4: Fixed-Wing AUTC Aircraft Routine Flight Schedule

FIXED-WING
AUTC AIRCRAFT
ROUTINE FLIGHT SCHEDULE *

ANDROS-WEST PALM BEACH

<u>FLIGHT/DAY</u>	<u>RESERVATION</u> <u>CLOSING TIME</u>	<u>REPORT</u> <u>TO AIR</u> <u>OPERATIONS</u>	<u>CHECK-IN</u> <u>CLOSING</u> <u>TIME</u>	<u>BUS DEPARTS</u> <u>AIR OPS FOR</u> <u>AIRPORT</u>	<u>ARRIVE</u> <u>WPB</u>
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- TO BE PROVIDED BY THE M & O CONTRACTOR-

WEST PALM BEACH - ANDROS

<u>FLIGHT/DAY</u>	<u>RESERVATION</u> <u>CLOSING TIME</u>	<u>REPORT</u> <u>TO AIR</u> <u>OPERATIONS</u>	<u>CHECK-IN</u> <u>CLOSING</u> <u>TIME</u>	<u>DEPARTS</u> <u>WPB</u>	<u>ARRIVE</u> <u>ANDROS</u>
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- TO BE PROVIDED BY THE M & O CONTRACTOR-

*Departure time changes in accordance with EST/DST time phase to ensure ASD-WPB departure prior to sunset.

Appendix 3.4

Logistics

The Logistics work areas are:

1. A loading dock, approximately 2,500 square feet of storage, and office space at the West Palm Beach Headquarters
2. Nominal warehouse space, office space, a fixed-wing aircraft hangar, chill facilities, and a hazardous material locker at the Palm Beach International Airport AUTECH facility
3. Government-furnished office space at the Port Canaveral (PCAN) Army Out-port.
4. Centralized and work center storage space, office space, and a wharf off-loading area at the Andros Island, Bahamas base.

ASD storage space is:

1. 46,000 square feet general warehouse space,
2. 30,000 square feet of climate controlled space,
3. 1,300 square feet flammable space
4. 600 square feet bottled gas space
5. 3,500 square feet hazardous material space
6. 683,000 gallons of bulk fuel (MOGAS, diesel, and AVJET) storage
7. 1,800 square feet explosive storage space
8. 3,800 square feet dry food space
9. 5,300 square feet chilled and frozen food space
10. 12,000 square feet Project material compound

The Logistics software is:

1. GOLD - Current Version 6.8.9
GOLD is used to :
 - Maintain Warehouse Inventory
 - Maintain all AUTECH tagged assets
 - Control ordering / receiving of all Federal Supply purchases except Food & Fuel
 - Control ordering / receiving of all open purchase stocked inventory
2. Hazardous Information Control System (HICS)
 - Maintain / Control inventory of hazardous material inventory maintained by the Hazmat facility.
3. PeopleSoft - Currently in implementation phase
 - Control purchasing functions for all open purchase items, including those order transferred from GOLD.
 - Additionally used for all financial & human resource function functions along with their interfaces to the purchasing module.
4. WorldWide Port System (WPS)
This is a Military Traffic Management Command program (army)
This system is a data base system for all cargo that is leaving AUTECH to Port Canaveral FL. And for all cargo in bound from the US to AUTECH Navy facility.
5. Subsistence Total Ordering and Receipts System (STORES)
 - Web based system for the ordering / receiving of all food including both Prime Vendor for freeze , chill & dry products, as well as for produce ordered through DSO Jacksonville.
6. Plant Clearance Automated Reutilization Screening System (PCARSS)
 - Web based system for entering material ready for disposition, for the purpose of screening this material for use by other federal agencies.

Appendix 3.5

HAZARDOUS WASTE ACCUMULATION POINTS

AREA	WASTE TYPE
ARA Auto Complex – Auto	Aerosols (Flammable/Nonflammable), Anitfreeze, Lead/Acid Batteries, Gasoline, Mineral Spirits, Used Oil, Adhesives and Paints
Boatswain Shop	Paint/Paint Thinner, Used Oil , Filters, Mineral Spirits, Acid Cleaner, Aerosols (Flammable/Nonflammable), Paint as a Residual Product in Paint Containers
Downrange Site2	Paints, Batteries, Used Oil, Filters
Downrange Site3	Paints, Batteries, Used Oil, Filters
Downrange Site4	Paints, Batteries, Used Oil, Filters
Heliport	Contaminated Jet Fuel, Paint/Paint Thinner, Paint as a Residual Product in Paint Containers
MK-30 Shop	Aerosols (Flammable/Nonflammable), Ammonia Hydroxide, Batteries (NiCAD)(Mercury), Paint (Flammable), Tetrahydrofuran
Motor Pool	Contaminated Diesel Fuel/Gasoline, Paint/Paint Thinner, Lacquer Thinner, Mineral Spirits, Anitfreeze, Lead/Acid Batteries, Battery Acid, Phosphoric Acid, Filters and Used Oil
Paint Shop	Paints, Mineral Spirits, Paint Thinner, Resin, Aerosols (Flammable/Nonflammable) and Flammable Adhesives.
Pier Shop	Diesel Fuel, Bilge Water, Cleaning Solvent
Power Plant	Adhesive, Aerosols (Flammable/Nonflammable), Flux, Caustic Cleaner, Contaminated Diesel Fuel/Gasoline, Solvent (PD-680), Mineral Spirits, Used Oil, Filters, Coolant Water containing Corrosive Inhibitor, Engine Washdown Facility Effluent
Range User Compound	Paint (Flammable/Nonflammable), Turboclean, Contaminated Gasoline, HAP (Liquid/Solid), Adhesive, OTTO Fuel II (Liquid/Solid), Strontium Chromate Contaminated Solid, Thallium Trace Contaminated Rinse Water, Cyanide Trace Contaminated Rinse Water
RO Plant	Sulfuric Acid, Contaminated Gasoline, Potassium Permanganate
Weapons Shop	OTTO Fuel II (Liquid/Solid), Solvent, Used Oil, Batteries

Appendix 3.6

Base Facilities

Housing/Housekeeping infrastructure consists of a variety of trailers and permanent structures, a small industrial laundry, a 4,000 square-foot storage building, and a management/dispensing area in the BOQ.

AUTEC's Andros Island messing facilities consists of a 400-person, cafeteria-style Main Mess facility at Site 1 and a small messing facility at each of the downrange sites.

The Government provides Fire Service with all necessary equipment and material including crash/fire/rescue vehicle(s), structural pumper(s), a medical ambulance, a spill response trailer, National Fire Incident Reporting System software, and a fire extinguisher filling station.

The government provides Security with a roving patrol vehicle(s) and a Pass and ID system.

The AUTEC Site 1 school facility/building is nominally equivalent to elementary school facilities in CONUS.

The Government provides the Medical dispensary and a 240-square foot dispensary supply storage space in the dispensary.

The Government provides ARA/retail with the following: a retail store, a hobby shop, three lounges, a snack bar, a barber/beauty shop, softball field, volleyball court, racquetball court, outside basketball court, tennis courts and retail fuel sales both at the base service station and at Harrison Wharf at Site 1.

ANDROS ISLAND HOUSING UNITS

LOCATION	DESCRIPTION	FACILITY No./TYPE	ASSIGNMENT		
			CONTRACTOR	NAVY/NUWC	TRANSIENT
SITE 1	Barracks	1201	-	-	74
		1204	-	-	127
		1231	66	30 (NCF)	-
		Subtotal:	66	30	201
	Concrete Block Housing	1221	-	5	5
		1222	1	-	19
		1223-1227	100	-	-
		1228	10	10(2NCF)	-
		1229	20	-	-
		1230	20	-	-
		1325	20	-	-
		1326	20	-	-
		Subtotal:	191	15	24
	Trailers	Triplex	42	-	-
		Duplex	56	-	-
		Subtotal:	98	0	0
	Family Trailers	2-Bedroom DW*	-	-	-
		3-Bedroom DW*	40	8	-
		3 Bedroom DW*			

			8	6	-
		Subtotal:	48	14	0
		Total Site 1:	403	59	225
SITE 2	Barracks	2001	-	-	4
		2051	8	-	-
		Total Site 2:	8	-	4
SITE 3	Trailers	Triplex	8	-	4
		Total Site 3:	8	-	4
SITE 4	Barracks	4001	-	-	8
	Trailers	Duplex	5	-	1
		Total Site 4:	5	-	9

* DW = Double Wide (24 feet)

** SW = Single Wide (12 feet)

Appendix 3.6:

Table 2:

GENERAL GUIDE TO AUTEC FUNCTIONAL/OPERATIONAL SECURITY LEVELS

Functional/Operational Area	Nominal Level of Security	Remarks
Test Planning and Scheduling	Secret	
Command Control Building	Confidential (Minimum)	Classified Facility
<input type="checkbox"/> Weapons Range Testing	Secret	
<input type="checkbox"/> Acoustic Testing	Secret	
<input type="checkbox"/> FORACS V	Secret	Equipment Unclassified
<input type="checkbox"/> Operations Control Center	Secret	
<input type="checkbox"/> Data Processing	Secret	
<input type="checkbox"/> Communications	Secret	
<input type="checkbox"/> Timing	Confidential (Minimum)	
<input type="checkbox"/> Message Center	Secret	
AIS Support	Confidential (Minimum)	Some Secret Clearance
Range Support Shop/Torpedo	Confidential (Minimum)	Classified Facilities
<input type="checkbox"/> MK 30 Target	Secret	
<input type="checkbox"/> Weapons Preparation/Post	Confidential	
Run Support		
<input type="checkbox"/> Test Equipment and	Confidential	Cal/Standards Lab
Weapon and Target Handling	Confidential	
Weapon/Target Launcher	Confidential	Some Secret
Test Electronics and	Confidential	Instrumentation Support
Technical Services	Unclassified	Some require clearance
Support Services	Unclassified	Some require clearance
Systems Engineering	Confidential	Some Secret
Marine Support Services	Unclassified	Most Confidential
Air Operations	Unclassified	Some require clearance
Public Works	Unclassified	Some require clearance
Logistics	Unclassified	
Safety/Environmental	Unclassified	Some require clearance
Security	Confidential	Secret
Fire Protection	Unclassified**	Some require clearance
Reports	Unclassified	
Dependent Education	Unclassified	
Welfare and Recreation	Unclassified	

Notes:

* Clearance based upon level of unescorted access required.

** Firefighting personnel do not require security clearance. If, for emergency response purposes, firefighting personnel do have to gain access to a classified space, they must be subsequently debriefed as per DoD 5220.22-M.

Appendix 3.6:

Table 3:

AUTEC DISPENSARY MEDICAL EQUIPMENT

Equipment	Mfr	Model No.	Qty
Aspirator Portable	ALLIED	402	1
Audiometer Microprocessor	TRACOR	RA400	1
Audioscope w/Recharger	WELCH	23000	1
Autoclave Dryer	MIDMARK	M7-001	1
Booth Audio Hearing Test	IAC INC	400A	1
Cart Crash	UNI-CAR	CAT# AC-53	1
Chair Dental Operating	MDT COR	17-6000-20	1
Defibrillator Datascope	BURDICK	MEDIC 5	1
Electrocardiograph	BURDICK	E500C	2
Lamp Power Optic Dental	MIDWEST	167	1
Machine Ultrasonic	CAVITRO	2001	1
Machine X-Ray Dental	GENDEX	GX900	1
Microscope	NIKON	ALPHA-PHOT-2	1
Polisher Dental	HANDLER	60B	1
Processor Film Automatic	AIR TEC	91000	1
Pump Infusion Volumetric	IMED	927	1
Spirometer Portable	PURITAN	PB100	1
Sterilizer Auto Clave	PELTON	VAL PLUS 10	1
Stretcher AEROMEDAVAC	MED FLI	C396 TYPE I&H	1
Stretcher Hospital WHLD	COLSON	6830-6	1
System Evacuation Dental	DENTALE	MC-201	1
Tank X-Ray Development	BAR-RAY	B-2440	1

Appendix 3.6:

Table 4:

SITE 1 FIREFIGHTING AND EMERGENCY EQUIPMENT

A. VEHICLES

1. Crash/Fire/Rescue Vehicles: Two P-19, all terrain units, 1,000 GPM capability. Vehicles carry additional extinguishing agents as well as water and foam. These vehicles carry a variety of tools, equipment, and air-packs that are needed for firefighting tactics.
2. Structural Pumpers: Two 1,000 GPM units. Each of these vehicles carries a full compliment of firefighting equipment. Both pumpers are capable of foam discharge.
3. Medical Ambulance: One, modular type. This unit carries basic, as well as advanced, life support equipment.

B. HAZARDOUS MATERIALS

1. Response Trailer: This trailer can be utilized for needed emergencies such as spills and release of hazardous substances and can be towed by pickup truck. This vehicle carries absorbent materials, various personnel protection suits, spill recovery kits, recovery drums, various small hand tools.

C. OTHER EQUIPMENT

1. Fire extinguisher filling station and agents used for such.

Appendix 3.6
Table 5

RELOCATABLE FACILITIES

<u>NOMENCLATURE</u>	<u>ASSET_ID</u>
BOX FLAMMABLE STORAGE	63821000895
RELOCATABLE SHOP	63821000896
RELOCATABLE VAN-ROV	63821000904
RELOCATABLE GUARD/SHACK	63821000910

RELOCATABLE HAZ/MAT	63821001749
BOX CONNEX	63821002000
BOX CONNEX	63821002001
BOX CONNEX	63821002004
RELOCATABLE SHED	63821002008
BOX CONNEX	63821002017
BOX CONNEX	63821002022
BOX CONNEX	63821002025
BOX CONNEX	63821002026
BOX CONNEX	63821002032
BOX CONNEX	63821002049
BOX CONNEX	63821002050

SHACK TEST RELOCATABLE	63821002359
SHACK TEST RELOCATABLE	63821002360
SHACK TEST RELOCATABLE	63821002374

RELOCATABLE FACILITIES

<u>NOMENCLATURE</u>	<u>ASSET_ID</u>
TRAILER SEMI 40 FT	63821003783
TRAILER SEMI 45 FT	63821003973
RELOCATABLE SHACK LAUNCH	63821004140
RELOCATABLE SHACK LAUNCH	63821004141
RELOCATABLE STAND	63821004264
RELOCATABLE STAND	63821004265
RELOCATABLE TANK	63821004266
RELOCATABLE STORAGE BOX	63821004269
RELOCATABLE STORAGE HZMT	63821004270
RELOCATABLE STORAGE HZMT	63821004271

RELOCATABLE FACILITIES

<u>NOMENCLATURE</u>	<u>ASSET ID</u>
RELOCATABLE STORAGE SHED	63821004336
RELOCATABLE STORAGE SHED	63821004337
RELOCATABLE STORAGE SHED	63821004338
RELOCATABLE STORAGE SHED	63821004339
BOX CONNEX	63821004340
BOX CONNEX	63821004341
BOX CONNEX	63821004342
BOX CONNEX	63821004343
BOX CONNEX	63821004344
RELOCATABLE STORAGE SHED	63821004345
RELOCATABLE STORAGE SHED	63821004346
RELOCATABLE STORAGE SHED	63821004347
RELOCATABLE STORAGE VAN	63821004351
RELOCATABLE STORAGE VAN	63821004352
BOX CONNEX	63821004355
BOX CONNEX	63821004356
BOX CONNEX	63821004357
BOX CONNEX	63821004358
BOX CONNEX	63821004359
BOX CONNEX	63821004360
BOX CONNEX	63821004363
RELOCATABLE STORAGE SHED	63821004517
RELOCATABLE STORAGE SHED	63821004518
RELOCATABLE STORAGE SHED	63821004519
RELOCATABLE STORAGE SHED	63821004520
RELOCATABLE STORAGE SHED	63821004521
RELOCATABLE STORAGE SHED	63821004522
RELOCATABLE STORAGE SHED	63821004523
RELOCATABLE STORAGE SHED	63821004524
RELOCATABLE STORAGE SHED	63821004525
RELOCATABLE STORAGE SHED	63821004526
RELOCATABLE STORAGE SHED	63821004527
RELOCATABLE OFFICE SHED	63821004528
RELOCATABLE STORAGE SHED	63821004532
RELOCATABLE STORAGE SHED	63821004533
RELOCATABLE LABORATORY	63821004535

RELOCATABLE FACILITIES

<u>NOMENCLATURE</u>	<u>ASSET ID</u>
RELOCATABLE STORAGE SHED	63821004538
RELOCATABLE STORAGE SHED	63821004539
RELOCATABLE STORAGE SHED	63821004540
RELOCATABLE STORAGE SHED	63821004541
RELOCATABLE STORAGE SHED	63821004542
RELOCATABLE STORAGE SHED	63821004543
RELOCATABLE STORAGE SHED	63821004544
RELOCATABLE STORAGE SHED	63821004545
RELOCATABLE STORAGE SHED	63821004546
RELOCATABLE STORAGE SHED	63821004547
RELOCATABLE STORAGE HZMT	63821004672
RELOCATABLE STORAGE HZMT	63821004673
RELOCATABLE STORAGE HZMT	63821004674
RELOCATABLE STORAGE HZMT	63821004677
RELOCATABLE STORAGE HZMT	63821004678
RELOCATABLE OFFICE	63821005901
RELOCATABLE OFFICE	63821005902
RELOCATABLE SHED	63821006003
RELOCATABLE OFFICE	63821006082
RELOCATABLE OFFICE	63821006083
RELOCATABLE HOUSING	63821006214
RELOCATABLE HOUSING	63821006215
RELOCATABLE LAUNDRY	63821006216
RELOCATABLE VAN REPAIR	63821006217
RELOCATABLE STORAGE	63821006218
RELOCATABLE OFFICE	63821006349
RELOCATABLE OFFICE	63821006350
RELOCATABLE OFFICE	63821006351
RELOCATABLE STORAGE	63821007339
BOX CONNEX	63821007617
BOX CONNEX	63821007618
BOX CONNEX	63821007619
BOX CONNEX	63821007625
BOX CONNEX	63821007626
BOX CONNEX	63821007627
BOX CONNEX	63821007628

RELOCATABLE FACILITIES

<u>NOMENCLATURE</u>	<u>ASSET ID</u>
BOX CONNEX	63821007629
BOX CONNEX	63821007630
BOX CONNEX	63821007631
BOX CONNEX	63821007632
BOX CONNEX	63821007633
BOX CONNEX	63821007635
BOX CONNEX	63821007636
BOX CONNEX	63821007637
BOX CONNEX	63821007638
BOX CONNEX	63821007639
BOX CONNEX	63821007640
BOX CONNEX	63821007641
BOX CONNEX	63821007642
SHED STORAGE	63821007742
SHED STORAGE	63821007743
SHED STORAGE	63821007744
SHED STORAGE	63821007745
RELOCATABLE VAN PTS MINI	63821008617
RELOCATABLE VAN PTS MINI	63821008631
RELOCATABLE ELEC SHELTER	63821008920
BOX CONNEX	63821009456
SEMITRAILER,VAN	63821014822

RELOCATABLE FACILITIES

<u>Nomenclature</u>	<u>ASSET ID</u>
HOUSING RELOCATABLE	63821001854
HOUSING RELOCATABLE	63821001855
HOUSING RELOCATABLE	63821001856
RELOCATABLE HOUSING	63821002310
RELOCATABLE HOUSING	63821005823
RELOCATABLE HOUSING	63821005831
RELOCATABLE HOUSING	63821005843
RELOCATABLE HOUSING	63821005844
RELOCATABLE HOUSING	63821005845
RELOCATABLE HOUSING	63821005846
RELOCATABLE HOUSING	63821005847
RELOCATABLE HOUSING	63821005850
RELOCATABLE HOUSING	63821005851
RELOCATABLE HOUSING	63821005852
RELOCATABLE HOUSING	63821005853
RELOCATABLE HOUSING	63821005854
RELOCATABLE HOUSING	63821005855
RELOCATABLE HOUSING	63821005856
RELOCATABLE HOUSING	63821006214
RELOCATABLE HOUSING	63821006215
RELOCATABLE HOUSING	63821006223
RELOCATABLE HOUSING	63821006224
RELOCATABLE HOUSING	63821006225
RELOCATABLE HOUSING	63821006226
RELOCATABLE HOUSING	63821006227
RELOCATABLE HOUSING	63821006228
RELOCATABLE HOUSING	63821006229
RELOCATABLE HOUSING	63821006230
RELOCATABLE HOUSING	63821006231
RELOCATABLE HOUSING	63821006232
RELOCATABLE HOUSING	63821006233
RELOCATABLE HOUSING	63821006234
RELOCATABLE HOUSING	63821006235
RELOCATABLE HOUSING	63821006236
RELOCATABLE HOUSING	63821006237
RELOCATABLE HOUSING	63821006238
RELOCATABLE HOUSING	63821006239

RELOCATABLE FACILITIES

<u>Nomenclature</u>	<u>ASSET ID</u>
RELOCATABLE HOUSING	63821006240
RELOCATABLE HOUSING	63821006241
RELOCATABLE HOUSING	63821006242
RELOCATABLE HOUSING	63821006243
RELOCATABLE HOUSING	63821006244
RELOCATABLE HOUSING	63821006245
RELOCATABLE HOUSING	63821006246
RELOCATABLE HOUSING	63821006247
RELOCATABLE HOUSING	63821006248
RELOCATABLE HOUSING	63821006249
RELOCATABLE HOUSING	63821006250
RELOCATABLE HOUSING	63821006251
RELOCATABLE HOUSING	63821006252
RELOCATABLE HOUSING	63821006253
RELOCATABLE HOUSING	63821006254
RELOCATABLE HOUSING	63821006255
RELOCATABLE HOUSING	63821006256
RELOCATABLE HOUSING	63821006257
RELOCATABLE HOUSING	63821006258
RELOCATABLE HOUSING	63821006259
RELOCATABLE HOUSING	63821006260
RELOCATABLE HOUSING	63821006261
RELOCATABLE HOUSING	63821006262
RELOCATABLE HOUSING	63821006263
RELOCATABLE HOUSING	63821006264
RELOCATABLE HOUSING	63821006265
RELOCATABLE HOUSING	63821006266
RELOCATABLE HOUSING	63821006267
RELOCATABLE HOUSING	63821006268
RELOCATABLE HOUSING	63821006269
RELOCATABLE HOUSING	63821006270
RELOCATABLE HOUSING	63821006271
RELOCATABLE HOUSING	63821006272
RELOCATABLE HOUSING	63821006273
RELOCATABLE HOUSING	63821006274
RELOCATABLE HOUSING	63821006275
RELOCATABLE HOUSING	63821006276

RELOCATABLE FACILITIES

<u>Nomenclature</u>	<u>ASSET ID</u>
RELOCATABLE HOUSING	63821006277
RELOCATABLE HOUSING	63821006278
RELOCATABLE HOUSING	63821006279
RELOCATABLE HOUSING	63821006280
RELOCATABLE HOUSING	63821006281
RELOCATABLE HOUSING	63821006282
RELOCATABLE HOUSING	63821006283
RELOCATABLE HOUSING	63821006284
RELOCATABLE HOUSING	63821006285
RELOCATABLE HOUSING	63821006286
RELOCATABLE HOUSING	63821006287
RELOCATABLE HOUSING	63821006288
RELOCATABLE HOUSING	63821006289
RELOCATABLE HOUSING	63821006290
RELOCATABLE HOUSING	63821006291
RELOCATABLE HOUSING	63821006292
RELOCATABLE HOUSING	63821006293
RELOCATABLE HOUSING	63821006294
RELOCATABLE HOUSING	63821006295
RELOCATABLE HOUSING	63821006296
RELOCATABLE HOUSING	63821006297
RELOCATABLE HOUSING	63821006298
RELOCATABLE HOUSING	63821006299
RELOCATABLE HOUSING	63821006300
RELOCATABLE HOUSING	63821006301
RELOCATABLE HOUSING	63821006302
RELOCATABLE HOUSING	63821006303
RELOCATABLE HOUSING	63821006304
RELOCATABLE HOUSING	63821006305
RELOCATABLE HOUSING	63821006306
RELOCATABLE HOUSING	63821006307
RELOCATABLE HOUSING	63821006308
RELOCATABLE HOUSING	63821006309
RELOCATABLE HOUSING	63821006310
RELOCATABLE HOUSING	63821006311
RELOCATABLE HOUSING	63821006312
RELOCATABLE HOUSING	63821006313

RELOCATABLE FACILITIES

<u>Nomenclature</u>	<u>ASSET ID</u>
RELOCATABLE HOUSING	63821006314
RELOCATABLE HOUSING	63821006315
RELOCATABLE HOUSING	63821006316
RELOCATABLE HOUSING	63821006317
RELOCATABLE HOUSING	63821006318
RELOCATABLE HOUSING	63821006319
RELOCATABLE HOUSING	63821006320
RELOCATABLE HOUSING	63821006321
RELOCATABLE HOUSING	63821006322
RELOCATABLE HOUSING	63821006323
RELOCATABLE HOUSING	63821006324
RELOCATABLE HOUSING	63821006325
RELOCATABLE HOUSING	63821006326
RELOCATABLE HOUSING	63821006327
RELOCATABLE HOUSING	63821006328
RELOCATABLE HOUSING	63821006329
RELOCATABLE HOUSING	63821006330
RELOCATABLE HOUSING	63821006331
RELOCATABLE HOUSING	63821006332
RELOCATABLE HOUSING	63821006333
RELOCATABLE HOUSING	63821006334
RELOCATABLE HOUSING	63821006335
RELOCATABLE HOUSING	63821006336
RELOCATABLE HOUSING	63821006337
RELOCATABLE HOUSING	63821006338
RELOCATABLE HOUSING	63821006339
RELOCATABLE HOUSING	63821006340
RELOCATABLE HOUSING	63821006341
RELOCATABLE HOUSING	63821006342
RELOCATABLE HOUSING	63821006343
RELOCATABLE HOUSING	63821006344
RELOCATABLE HOUSING	63821006345
RELOCATABLE HOUSING	63821006346
RELOCATABLE HOUSING	63821006352
RELOCATABLE HOUSING	63821006353
RELOCATABLE HOUSING	63821006354
RELOCATABLE HOUSING	63821006355

Note: Housing Trailers, referred to as "Relocatable Housing" in this table, are also listed in Table XXI-I of this Specification.

Requisition No. N66604-

Title and Level	SOW Para	Key	Non-Key
MANAGER, ADMINSTRATIVE II - LOGISTICS MANAGER	3.4		X

The professional and specialized experience requirements above may have been acquired simultaneously.

[illegible]

TOTAL MAN-HOURS:

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

X

Title and Level	SOW	Key	Non-Key
AIRCRAFT PILOT	3.3		X
<p><u>Education and General Professional Experience:</u></p> <p>FAA and FAR Airline transport pilot license and certification with appropriate Airplane Category Rating, Multi-Engine Land Class Rating, and annual Second Class Medical Certificate.</p> <p><u>Specialized Experience/Expected Capabilities:</u></p> <p>In addition to the required general professional experience, a total of 3 years of cumulative specialized experience in the following areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ol style="list-style-type: none"> FAR Part 135.293 training requirements, FAR Part 135.247 currency requirements, FAR Part 135.297 instrument proficiency checks, and FAR Part 135.293 competency checks. Routine scheduled fixed wing transportation of personnel and cargo. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-93-R-5873

Title and Level	SOW	Key	Non-Key
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MANAGER, PROGRAM/PROJECT II - AIR OPERATIONS MANAGER	3.3		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in any technical or managerial discipline with ten (10) years professional management experience.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>A total of five (5) years of cumulative specialized experience in at least four (4) of the following areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ol style="list-style-type: none"> Supervision and administration of air operation and maintenance personnel. Commercial air carrier/passenger operations, military helicopter operations. Federal Aviation Administration Regulations as they apply to maintenance and operation of both fixed-wing and helicopter airframes and transportation of DoD civilian/military personnel, their dependents and DOD owner cargo. DoD Commercial Air Transportation Quality and Safety Review Program. Departmental budget management. Management of aircraft logistics functions including acquisition, delivery, warehousing and control/disposition. Negotiations with the airport authority of a major international airport or similarly sized government organization. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

Requisition No. N66604-

Title and Level	SOW		Key	Non-Key
ENGINEER II - MARINE ENGINEER	3.2			X

[illegible]

PERSONNEL QUALIFICATIONS SHEET

Title and Level	SOW		Key	Non-Key
SECURITY GUARD	3.6			X

Education and General Professional Experience:

High School Diploma or equivalent with two (2) years of work experience.

Military service and/or education above the high school level totaling two (2) years may be substituted for the above work experience.

Other Qualifications:

Must have no felony convictions, domestic violence convictions, or drug related convictions.

Must be 21 years of age or older, or be an honorably discharged veteran.

Must be able to pass a physical examination given by a licensed physician or health care professional prior to assignment.

Must be able to read, write and speak English.

OFFEROR is to complete information below:

[illegible]

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Title and Level	SOW		Key	Non-Key
MANAGER, PROGRAM/PROJECT I - MARINE SUPPORT	3.2			X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in any technical or managerial discipline with five (5) years of professional management experience.</p> <p>No specific security clearance requirements.</p> <p><u>Specialized Experience:</u></p> <p>A total of five (3) years of cumulative specialized experience in all of the following areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ul style="list-style-type: none"> a. Supervision and administration of marine operations and maintenance personnel. b. Marine maintenance and engineering management, including overhauls, repairs and alterations, of diesel powered vessels. c. Operations management of diesel vessels of 300 Gross Rated Tons d. The American Bureau of Shipping Standards program e. Hurricane and heavy weather program for marine vessels <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>				
OFFEROR is to complete information below:				
Name		Company and Location		
TOTAL MAN-HOURS:				

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-93-R-5873

Title and Level	SOW		Key	Non-Key
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MANAGER, ADMINISTRATIVE I - FIRE CHIEF	3.6		X
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Education and General Professional Experience:

Associate degree in any field with two (2) years general experience in the field of Fire Prevention. Must perform work of substantial importance to the management or operations of the fire department.

Must be DoD-certified in accordance with DODI 6055.6.

Specialized Experience:

A total of two (2) years of specialized experience in at least two (2) of the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- Fire Response including dispatch, equipment operation, staff and equipment readiness, investigation and reporting.
- Fire Prevention includes training, education, inspections, and emergency response planning.
- Emergency Medical Response includes rescue activities, patient transport, and reporting.
- HAZMAT spill response and decontamination program

The general professional and specialized experience requirements above may have been acquired simultaneously

OFFEROR is to complete information below:		
Name		Company and Location
TOTAL MAN-HOURS:		

PERSONNEL QUALIFICATIONS SHEET

Solicitation No. N66604-93-R-5873

SOW

Key

Non-Key

FIRE AND EMS TECHNICIAN

3.6

X

Education and General Professional Experience:

Graduate of a state-approved fire fighting course with one (1) year of professional experience.

Specialized Experience:

A total of one (1) year of cumulative specialized experience in all of the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Fire prevention and fire fighting techniques and methodologies.
- b. Aircraft rescue and rescue services.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-93-R-5873

Title and Level	SOW	Key	Non-Key
MECHANIC, AIRCRAFT MAINTENANCE	3.1		X

Education and General Professional Experience:

High school/vocational school diploma or GED certificate and one (1) year related experience.

Specialized Experience/Expected Capabilities:

FAA and FAR aircraft maintenance mechanic license and certification are required.

Expected Capabilities:

Repairs aircraft equipment and airframes. Work involves most of the following: Examining engines, landing gear, control surface linkages and all other mechanical/hydraulic systems associated with the proper maintenance of a commuter sized aircraft to diagnose source of trouble; dismantling or partly dismantling this equipment and systems and performing repairs that mainly involve the use of hand tools in scraping and fitting parts; replacing broken or defective parts with items obtained from stock; ordering the production of a replacement part by a machine shop or sending the systems (like an engine) to an overhaul shop for major repairs; preparing written specifications for major repairs or for the production of parts ordered from overhaul shops; reassembling and making all necessary adjustments for operation. In general, the work of a Aircraft Maintenance Mechanic requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
ANALYST II – Senior Systems Analyst	2.2			X

Education and General Professional Experience:

Bachelor's level degree in a technical or business related discipline with seven (7) years professional experience in systems analysis.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of specialized experience in, and a good working knowledge of, the following areas is required:

- a. Range tracking instrumentation.
- b. Generation of performance and accuracy analysis reports.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

Requisition No. N66604-

Title and Level	SOW		Key	Non-Key
CHEMIST I - BASE CHEMIST	3.1			X

The professional and specialized experience requirements above may have been acquired simultaneously.

[illegible]

PERSONNEL QUALIFICATIONS SHEET

Title and Level	SOW		Key	Non-Key
ENGINEER, SYSTEMS III - FORACS Range Engineer (Test Conductor)	2.3			X

Education and General Professional Experience:

Bachelor's level degree in an Engineering discipline with seven (7) years of professional experience in systems engineering.

In lieu of the Bachelor of Science degree, ten (10) years experience in a test range environment, with five (5) years in a technical or test system supervisory capacity with responsibility for planning/conducting large-scale test programs, may be substituted.

A Secret security clearance is required

Specialized Experience:

A total of three (3) years of cumulative specialized experience in the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- Testing and analysis of surface ship and submarine sensor systems' accuracy (sonar, fire control gyros, etc.).
- Preparation of technical documentation.
- U.S. Navy surface ship, submarine, and helicopter navigation and target sensor systems.
- Naval shipboard operations, terminology, customs, and protocol.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name	Company and Location

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Title and Level	SOW		Key	Non-Key
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ENGINEER, SYSTEMS II - FORACS Roving/Sonar Engineer	2.3		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in an Engineering discipline with three (3) years of professional experience in systems engineering.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>A total of three (3) years of cumulative specialized experience in test conduct and statistical data analysis and reporting, and at least three (3) of the following areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ul style="list-style-type: none"> a. US Navy sonar systems. b. Radar systems. c. Radio Direction Finders (RDF) and other sensor systems. d. Communications equipment. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

ENGINEER, ELECTRICAL/ELECTRONICS II – In-Air Systems Engineer	2.3A Option		X
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Education and General Professional Experience:

Bachelor's level degree in Electrical/Electronics Engineering with three (3) years professional experience.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of cumulative specialized experience in at least two (2) of the following three (3) areas is required (qualifying experience consists of one (1) year or more in any single area):

a. Design, modification, and/or maintenance of GPS systems, RF telemetry systems and mono-pulse surveillance and target tracking radar systems including:

- analog and digital RF transmitter/receiver circuits
- antennas and transmission lines
- displays
- analog and digital encoders

b. Performance of RF system alignments.

c. RF tracking systems troubleshooting and fault isolation methodology.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name	Company and Location

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW	Key	Non-Key
ENGINEER, ELECTRICAL/ELECTRONICS III – In Water Systems Engineer	2.3		

Education and General Professional Experience:

Bachelor's level degree in Electrical/Electronics Engineering with seven (7) years professional experience.

A Secret security clearance is required.

Specialized Experience:

A total of five (5) years of specialized experience in the following areas is required:

- a. Maintenance of passive hydro-acoustic systems including:
 - analog and digital signal processing systems
 - signal conditioning electronics
- b. Troubleshooting/fault isolation methodology.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW Para		Key	Non-Key
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ENGINEER, SYSTEMS I - Junior Acoustic Testing Engineer	2.3		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in an Engineering discipline with no required professional experience.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>N/A</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			
<u>PERSONNEL QUALIFICATIONS SHEET</u>			
Requisition No. N66604-		Solicitation No. N66604-03-R-5873	
Title and Level	SOW	Key	Non-Key
TECHNICIAN, ELECTRICAL/ELECTRONICS V – Metrology Lead Technician	2.9		X

Education and General Professional Experience:

Technical school diploma, or equivalent military experience, with five (5) years work related experience in electrical/electronic systems, one of which in a supervisory capacity.
A Secret security clearance is required.

Specialized Experience:

A total of 3 years of specialized experience in the operation of test equipment for maintenance and repair of electrical/mechanical systems in the field or in a standards laboratory environment.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:		
Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
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ENGINEER, SYSTEMS III - MK 30 Target Program Engineer-in-Charge**2.4**Education and General Professional Experience:

Bachelor's level degree in an Engineering discipline with seven (7) years of professional experience in systems engineering.

In lieu of the Bachelor of Science degree, ten (10) years of experience in a test range environment, with five (5) years in a technical or test system supervisory capacity, may be substituted.

One (1) year of direct MK 30 experience may be substituted for two (2) years of general professional experience.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of cumulative specialized experience in each of the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Troubleshooting, repair and assembly of complex electro-mechanical systems/equipment.
- b. Managing/coordinating a production facility with responsibility for establishing and meeting production schedules and deadlines.
- c. Preparation of technical documentation.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name	Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW	Key	Non-Key
ENGINEER, SYSTEMS II – PTS Engineer	2.3		X

Education and General Professional Experience:

Bachelor's level degree in an Engineering discipline with three (3) years of professional experience in systems engineering.

A secret security clearance is required.

Specialized Experience:

A total of three (3) years of cumulative specialized experience in at least three (3) of the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Digital signal processing and signal conditioning systems.
- b. UNIX/Solaris and Windows operating systems.
- c. Radio Frequency (RF) communications systems.
- d. Marine electrical /mechanical systems /equipment.
- e. System troubleshooting /fault isolation methodologies.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW	Key	Non-Key
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ANALYST, OPERATIONS II - PTS Operations Controller/System's Administrator	2.3		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in an Engineering discipline and seven (7) years professional experience in operations research.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>A total of three (3) years of specialized experience in the following areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ul style="list-style-type: none"> a. UNIX Operating Systems, X Windows, Motif, and Solaris software. b. Maintenance of computer hardware and networks. c. Principles of underwater sound propagation and acoustic underwater tracking. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
ENGINEER, SYSTEMS III – Range Scheduler	2.1			X

Education and General Professional Experience:

Bachelor's level degree in an Engineering discipline with seven (7) years of professional experience in systems engineering.

In lieu of the Bachelor of Science degree, ten (10) years of experience in a test range environment, with five (5) years in a technical or test system supervisory capacity with responsibility for planning/conducting large scale test programs may be substituted.

A Secret security clearance is required.

Specialized Experience:

A total of five (5) years of specialized experience in planning/conducting large-scale test programs.

Working knowledge of four (4) of the following areas is required:

- a. In-water acoustic tracking systems.
- b. Radar tracking systems.
- c. Communications systems.
- d. Performance characteristics of U.S. Navy ships, submarines, aircraft, ASW/ASUW/Strike Warfare weapons and weapons systems, acoustic countermeasures, and ASW targets.
- e. Current Microsoft Office suite applications.
- f. Generating and formatting Navy record messages.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

The professional and specialized experience requirements above may have been acquired simultaneously.

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
ENGINEER, SYSTEMS II – Test Conduct Safety Advisor	2.1			X

Education and General Professional Experience:

Bachelor's level degree in an Engineering discipline with three (3) years of professional experience in systems engineering.

In lieu of the Bachelor of Science degree, ten (10) years experience in a test range environment, with five (5) years in a technical or test system supervisory capacity with responsibility for planning/conducting large-scale test programs, may be substituted.

A Secret security clearance is required.

Specialized Experience:

A total of two (2) years of specialized experience in planning/conducting large-scale test programs, preferably in a test range environment.

Working knowledge of three (3) of the following areas is required:

- a. In-water acoustic tracking systems.
- b. Radar tracking systems.
- c. U. S. Navy voice communications systems protocol and terminology.
- d. Performance characteristics of U.S. Navy ships, submarines, aircraft, ASW/ASUW/Strike Warfare weapons and weapons systems, acoustic countermeasures, and ASW targets.
- e. Computer display systems.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

Title and Level	SOW	Key	Non-Key
ENGINEER, SYSTEMS II – Test Conductor	2.1		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in an Engineering discipline with three (3) years of professional experience in systems engineering.</p> <p>In lieu of the Bachelor of Science degree, ten (10) years experience in a test range environment, with five (5) years in a technical or test system supervisory capacity with responsibility for planning/conducting large-scale test programs, may be substituted.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>A total of two (2) years of specialized experience in planning/conducting large-scale test programs, preferably in a test range environment.</p> <p>Working knowledge of three (3) of the following areas is required:</p> <ul style="list-style-type: none"> a. In-water acoustic tracking systems. b. Radar tracking systems. c. U. S. Navy voice communications systems protocol and terminology. d. Performance characteristics of U.S. Navy ships, submarines, aircraft, ASW/ASUW/Strike Warfare weapons and weapons systems, acoustic countermeasures, and ASW targets. e. Computer display systems. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

Requisition No. N66604-

[illegible]

TOTAL MAN-HOURS:

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Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW	Key	Non-Key
ENGINEER, ACOUSTICAL I - Acoustic Testing Engineer	2.3		X

Education and General Professional Experience:

Bachelor's level degree in a technical field with three (3) years professional experience in SONAR, ship's acoustics, signal processing, or ship's noise measurement systems.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of specialized experience in three (3) of the following five (5) areas is required (qualifying experience consists of one (1) year or more in any single area):

- Conduct of acoustic trials/measurements/tests.
- Use of automated /computer-controlled systems for acquiring and processing acoustic data.
- Knowledge of narrowband, 1/3 octave, octave, strip chart, and LOFAR data presentation.
- Familiarity with electronics systems /systems maintenance.
- Preparation of technical documentation.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:		
Name		Company and Location

TOTAL MAN-HOURS:

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Title and Level	SOW	Key	Non-Key
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ENGINEER, ELECTRICAL/ELECTRONICS II - ATE Electronics Engineer	2.7		X
<p><u>Education and General Professional Experience:</u></p> <p>Bachelor's level degree in Electrical/Electronics Engineering with three (3) years professional experience.</p> <p>A Secret security clearance is required.</p> <p><u>Specialized Experience:</u></p> <p>A total of three (3) years of cumulative specialized experience in at least two (2) of the following three (3) areas is required (qualifying experience consists of one (1) year or more in any single area):</p> <ul style="list-style-type: none"> a. Solid-state digital and analog circuit design. b. Troubleshooting, repair, and maintenance of electronics equipment c. Naval shipboard operations, terminology, customs, and protocol. <p>The professional and specialized experience requirements above may have been acquired simultaneously.</p>			
OFFEROR is to complete information below:			
Name		Company and Location	
TOTAL MAN-HOURS:			

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW	Key	Non-Key
ENGINEER, MECHANICAL II – ATE Mechanical Engineer	2.7		X

Education and General Professional Experience:

Bachelor's level degree in Mechanical Engineering with three (3) years of professional experience.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of cumulative specialized experience in at least three (3) of the following six (6) areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Generation of 3-dimensional CAD drawings and layouts.
- b. Mechanical analysis (such as MathCAD).
- c. Imaging software and AutoCAD.
- d. Mechanical, pneumatic, and fluid control systems.
- e. Stress calculations, strength of materials, corrosion-resistance and the preservation of materials in a marine environment.
- f. Reliability analysis.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
MANAGER, PROGRAM/PROJECT I – ATE Manager	2.7			X

Education and General Professional Experience:

Bachelor's level degree in any technical or managerial discipline with five (5) years professional experience in program/project management.

In lieu of the Bachelor of Science degree, ten (10) years experience in a test range environment, with five (5) years in a technical or test system supervisory capacity, may be substituted.

A Secret security clearance is required.

Specialized Experience:

A total of three (3) years of cumulative specialized experience in at least (3) of the following areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Torpedo Intermediate Maintenance Activity (IMA) functions.
- b. Naval shipboard operations, terminology, and protocol.
- c. Electrical and mechanical systems maintenance and documentation.
- d. Microsoft Office application software.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

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PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
ENGINEER, ELECTRICAL/ELECTRONICS III – Communications Engineer	2.3			X

Education and General Professional Experience:

Bachelor's level degree in Electrical/Electronics Engineering with seven (7) years professional experience.

-or-

A two (2) year degree in electronics or equivalent military training with ten (10) years of professional experience.

A Secret security clearance is required.

Specialized Experience:

A total of five (5) years of cumulative specialized experience in least three (3) of the following five (5) areas is required (qualifying experience consists of one (1) year or more in any single area):

- a. Radio Frequency (RF) analog transmitter/receiver systems.
- b. Microwave digital transmission systems.
- c. Satellite communication systems.
- d. Telephone switching systems.
- e. Data/voice encryption systems.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW		Key	Non-Key
TECHNICIAN, ELECTRICAL/ELECTRONICS IV - FORACS Console Operator	2.3			X

Education and General Professional Experience:

Technical school diploma with four (4) years work related experience in electrical/electronic systems.

A Secret security clearance is required.

Specialized Experience:

Candidate must have a background in shipboard equipment.

The professional and specialized experience requirements above may have been acquired simultaneously.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

PERSONNEL QUALIFICATIONS SHEET

Requisition No. N66604-

Solicitation No. N66604-03-R-5873

Title and Level	SOW Para		Key	Non-Key
MATERIAL COORDINATOR (HAZMAT) - Explosive Safety Officer	2.5			X

Education and General Professional Experience:

High school/vocational diploma or GED certificate with five (5) years of total professional experience in applying policies and procedures relating to ordnance management.

Successfully completed the following classes:

Basic Explosive Safety (AMMO-18 or 49)

Electrical Explosive Safety for Naval Facilities (AMMO-29)

Explosive Safety for Naval Facilities Planning (AMMO-36)

A Secret security clearance is required.

Specialized Experience:

Knowledge of NAVSEA OP-5; Ammunition and Explosives Ashore Safety Regulations for Handling, Storing, Production, Renovation, and Shipping.

OFFEROR is to complete information below:

Name		Company and Location

TOTAL MAN-HOURS:

**AGREEMENT BETWEEN
THE GOVERNMENT OF THE UNITED STATES OF AMERICA AND
THE GOVERNMENT OF THE COMMONWEALTH OF THE BAHAMAS
CONCERNING UNITED STATES DEFENSE FACILITIES
IN THE COMMONWEALTH OF THE BAHAMAS**

The Government of the United States of America and the

Government of the Commonwealth of The Bahamas

Have agreed as follows:

ARTICLE I

Definitions

For the purposes of this Agreement the expressions:

- (a) "Bahamian authorities" means the authority or authorities from time to time authorized or designated by the Government of The Bahamas for the purpose of exercising the powers in relation to which the expression is used;
- (b) 'Contractor personnel' means employees of a United States contractor who are nationals or residents of the United States and who are not ordinarily resident in The Bahamas and who are there solely for the purposes of this Agreement, and their dependents;
- (c) "Dependents" means the spouse and children under 21 years of age of a person in relation to whom it is used and, if they are dependent upon him for their support, the parents and children over 21 years of age of that person, while residing with that person;
- (d) 'Members of the United Forces' means;
 - (i) military members of the United States Forces on active duty;
 - (ii) civilian personnel accompanying the United States Forces and in their employ who are nationals or residents of the United States and who are not ordinarily resident in The Bahamas and who are there solely for the purposes of this Agreement; and
 - (iii) dependents of the persons described in (i) and (ii) above.
- (e) "Sites" means the-sites described in the Annex to this Agreement and any additions thereto, including any additional sites, and "site" means any site so provided;
- (f) "United States authorities" means the authority or authorities from time to time authorized or designated by the Government of the United States for the purpose of exercising the powers in relation to which the expression is used;
- (g) "United States contractor" means any person, body or corporation ordinarily resident in the United States of America that is in The Bahamas for the purposes of this Agreement by virtue of a contract with the United States Government and includes a sub-contractor; and
- (h) "United States Forces" means the land, sea and air armed services of the United States, including the Coast Guard.

ARTICLE II

Provision of Sites

1. The Government of The Bahamas shall provide to the Government of the United States the sites described in the Annex to this Agreement and such other sites as may be identified by agreement of the appropriate authorities of the two Governments so long as this Agreement remains in force. These sites, as well as rights of access, rights of way and easements, shall be provided subject only to such charges as are agreed upon by the two Governments.

2. Except as may otherwise be provided in this Agreement, the Government of the United States shall not permit the sites to be used in any way whatsoever other than for the purposes provided for in this Agreement without the prior approval of the Government of The Bahamas.

3. The Government of the United States may at any time notify the Government of The Bahamas that it has vacated and no longer requires a site or a specified portion thereof, and thereupon such site or portion thereof shall, for the purposes of this Agreement, cease to be, or to be a portion of, a site.

4. Except for the purposes of this Agreement or with the concurrence of the Government of The Bahamas, the Government of the United States shall not remove or demolish or otherwise dispose of any permanent construction or installation on a site. Any other construction or installation and other property owned by the Government of the United States or a United States contractor, located in The Bahamas for the purposes of this Agreement, may be removed from The Bahamas at any time by the Government of the United States or United States contractor, as the case may be, provided that any such property of the Government of the United States which is not removed from the Bahamas (or disposed of in The Bahamas with the consent of the Government of The Bahamas) within three months after the date that the site on which it is located ceases to be a site in accordance with this Agreement, shall become the property of the Government of The Bahamas.

5. No compensation shall be payable to the Government of the United States by the Government of The Bahamas in respect of any construction permanent or otherwise or installation permanent or otherwise or other property not removed or disposed of in accordance with paragraph 4 of this Article.

6. The Government of the United States shall be under no obligation to restore the sites to the condition in which they were at any time prior to their ceasing to be sites or portions of sites.

7. All minerals (including oil and water), antiquities and treasure trove in a site and all rights relating thereto are reserved to the Government Of The Bahamas, but any exploitation thereof shall be with the concurrence of the Government of the United States. Such concurrence shall not be unreasonably withheld. However, the United States Forces shall have the right to extract from the sites such fresh water as they may require.

8. Within sea areas forming part the sites, the exercise of fishing privileges by Bahamian nationals will be permitted insofar as is compatible with the activities of the facilities. The United States authorities, in the exercise of their rights, will use their best endeavors to avoid interference with any fisheries established and in use immediately prior to the effective date of this Agreement.

ARTICLE III

General Description of Rights

1. The United States may take such measures within the sites and within the seabeds, waters and air space adjacent to the sites as may be necessary for the establishment, use, operation and protection thereof or appropriate for the control thereof.

2. These measures shall include the right:

- (a) to construct (including dredging and filling), maintain, operate, use, occupy and control the said sites;
- (b) to improve and deepen the harbors, channels, entrances and anchorages, and generally to fit the premises for their intended use;

- (c) to regulate, so far as may be required for safety and the efficient operation of the sites, and within the limits set forth in paragraph 1 above, anchorages, moorings and movements of ships and waterborne craft and anchorages, moorings, landings, take-offs, movements and operations of aircraft; and
- (d) to install, maintain, use and operate oceanographic, aeronautical, space, communications and other military or scientific systems and equipment.

3. The use of radio frequencies, powers and bandwidths for radio services (including radar) for the purposes of this Agreement shall be subject to the concurrence of the relevant Bahamian authorities.

4. The Government of the United States shall take all reasonable precautions against possible danger and damage resulting from operations under this Agreement.

5. The rights granted to the Government of the United States by this Agreement shall not be exercised unreasonably or so as to interfere with or to prejudice the safety of navigation, aviation or communication.

6. In exercising its rights under this Agreement, the Government of the United States shall insure that no nuclear explosions and, except for normal construction, no detonations or explosions exceeding the equivalent of ten pounds of T.N.T. shall take place within the territory of The Bahamas including the territorial waters thereof, unless the consent of the Government of The Bahamas shall previously have been obtained. A representative of the Government of The Bahamas shall have the right to be present at any underwater demolitions or explosions.

7. Except with the prior approval of the Government of The Bahamas, the Government of the United States shall not transfer or assign any rights conferred by or under this Agreement.

8. The rights granted to the Government of the United States of America by this Agreement shall not be exercised so as to adversely affect any vessel or aircraft compelled by force majeure or some other exigency of prudent navigation to anchor or drag into the sea areas forming parts of the sites and unable to quit them.

ARTICLE IV

Shipping and Aviation

1. The Government of the United States may place or establish in the sites and, with the agreement of the Government of The Bahamas in the waters adjacent thereto, or in the vicinity thereof, lights and other aids to navigation of vessels and aircraft necessary for operations pursuant to this Agreement. Such lights and other aids shall be compatible with the system in use in The Bahamas. The position and characteristics thereof outside the sites shall be determined with the concurrence of the appropriate authority of The Bahamas.

2. United States public vessels arriving at or departing from the sites shall not be subject to compulsory pilotage in The Bahamas. If a pilot is taken, pilotage shall be paid for at appropriate rates.

3. Commercial and other civil aircraft shall not be authorized to operate from any of the sites (save in case of emergency or for military purposes under supervision of the United States Forces), except by agreement between the two Governments.

4. Aircraft used by the Government of The Bahamas for noncommercial purposes may, from time to time, land at the sites with the prior consent of appropriate United States authorities without payment of landing fees or other such charges. The Government of The Bahamas accepts all risks and assumes all claims responsibility, and shall hold the Government of the United States and United States contractors harmless from any loss or damage associated with such use of a site.

ARTICLE V

Employment of Labor

1. Nationals of The Bahamas who are suitably qualified will be employed to the maximum extent feasible in connection with activities under this Agreement. Appropriate job opportunities and job descriptions shall be made available whenever necessary.

2. In the fixing of terms of employment for locally hired employees of the United States Forces and United States contractors, particularly in respect of wages and conditions of work, supplementary payments, insurance and conditions for the protection of employees, full regard shall be given to employment practices generally obtaining or similar employment in The Bahamas, and in no case shall the terms of employment for such employees be inferior to those laid down by any legislation in force in The Bahamas or any international convention, the provisions of which have been adopted by the Government of the United States and the Government of The Bahamas.

ARTICLE VI

Construction Contracts

1. All contracts awarded by the Government of the United States in connection with construction required under this Agreement shall be open to tender on a non-discriminatory and competitive basis to qualified (i) firms in the United States, (ii) firms in The Bahamas, and (iii) joint ventures of any of the foregoing.

2. Subject to such conditions of contracting as may be agreed between the Government of the United States and the Government of The Bahamas, such contracts shall be awarded on a non-discriminatory and competitive basis.

3. In sub-contracting, contractors shall give due consideration to the use of Bahamian sub-contractors.

4. Invitations to tender bids shall be issued on the same day to all the firms or joint ventures described in paragraph 1 above which have indicated a desire to tender bids. Copies of these invitations and notification of the award of contracts shall be sent by the United States authorities to the appropriate Bahamian authorities.

ARTICLE VII

Local Purchases

The Government of the United States, and companies and individuals under contract to the Government of the United States or engaged in work for the purposes of this Agreement may purchase locally goods and services required for such purposes, and may sub-contract therefor with Bahamian firms.

ARTICLE VIII

Public Services

The Government of the United States shall have the right to employ and use all utilities, services and facilities in The Bahamas belonging to or controlled or regulated by or on behalf of the Government of The Bahamas, on such conditions as may be agreed between appropriate authorities of the two Governments.

ARTICLE IX

Postal Facilities

1. Post Offices may be established and operated by or on behalf of the United States Forces for the handling of official correspondence and documents and mail of the United States Forces, members of the United States Forces, United States contractors, and contractor personnel between these and other United States Post Offices. Detailed arrangements for the interchange of mails with or through the postal services of The Bahamas shall be mutually agreed upon.

2. The authorities of The Bahamas shall not inspect official mail of any kind in United States postal channels. The United States authorities shall take all practicable steps to prevent items from entering The Bahamas through United States military postal channels in contravention of Bahamian law.

3. Any inspection of non-official mail in United States postal channels which may be required by the regulations of the Government of The Bahamas shall be conducted by the Bahamian authorities in accordance with procedures to be agreed upon by the appropriate authorities of the two Governments.

ARTICLE X

Flags

Whenever the United States flag is flown at an establishment of the United States Forces in The Bahamas, the Bahamian national flag shall be flown on a separate and adjacent flagstaff in the place of honor.

ARTICLE XI

Security

1. Regularly constituted military units or formations of the United States Forces and civilian security guards of the United States Forces or United States contractors shall have the right to take all appropriate measures to insure the maintenance of order and security in the sites.
2. Outside the sites, United States military police may be employed only subject to agreement with the appropriate Bahamian authorities and in liaison with such appropriate Bahamian authorities to maintain discipline and order among the members of the United States Forces, or to insure their security.
3. The United States authorities may, after consultation with the appropriate Bahamian authorities, designate areas in sites into which only personnel authorized by the United States authorities may enter. The United States Forces will be responsible for the internal security of areas so designated.

ARTICLE XII

Third Country Rights

The governments of such other countries as may be proposed by the Government of the United States and agreed to by the Government of The Bahamas shall be entitled to participate in activities conducted pursuant to this Agreement on such conditions as may be determined between the Government of the United States, the Government of The Bahamas, and the governments of any such other countries.

ARTICLE XIII

Sites

The sites to be provided by the Government of The Bahamas to the Government of the United States and referred to in the Annex to this Agreement will be further identified in an implementing arrangement to be executed between the appropriate authorities of the two Governments. This implementing arrangement may be amended by mutual agreement of those two authorities.

ARTICLE XIV

Entry and Departure

1. The Government of The Bahamas shall facilitate the admission of members of the United States Forces, United States contractors and contractor personnel into, and their departure from, The Bahamas in connection with activities under this Agreement.
2. The following documents only shall be required in respect of military members of the United States Forces, who must present them on demand upon their entry into The Bahamas in connection with activities under this Agreement:

- (a) personal identity card issued by the appropriate United States authority showing name, date of birth, rank and number (if any), service and photograph;
- (b) individual or collective movement order issued by an appropriate United States authority and certifying to the status of the individual or group as a member or members of the United States Forces; and
- (c) such documents conforming to standards approved by the World Health Organization as may be issued by the appropriate United States authorities in satisfaction of The Bahamas health and quarantine regulations.

3. Upon their entry into The Bahamas, civilian members of the United States Forces, United States contractors and contractor personnel shall be required to be in possession of the documents referred to in subparagraph 2(c) of this Article and a certificate by the appropriate United States authority that the holder is such a person. The certificate will serve in lieu of a visa for nationals of the United States.

4. Subject to the provisions of paragraph 6 of this Article, members of the United States Forces, United States contractors and contractor personnel shall be exempt from Bahamian regulations on registration and control of aliens and from any taxes or charges on the entry into or exit from The Bahamas, but shall not be considered as acquiring any right to permanent residence or domicile in The Bahamas.

5. If a person ceases while still in The Bahamas to be a member of the United States Forces the Government of the United States shall, within the framework of and subject to relevant United States laws and regulations, take steps to effect the departure from The Bahamas of that person within ten days of his so ceasing to be such a member, unless with the approval of the Government of The Bahamas other arrangements are made. Where the former member has not left The Bahamas at the end of ten days of his ceasing to be a member and no other arrangements have been approved by the Government of The Bahamas, the United States authorities shall thereupon inform the Government of The Bahamas giving particulars as may be required. Notification shall also be given to the Government of The Bahamas concerning any members of the United States Forces who, after having been admitted into The Bahamas, absent themselves for more than ten days, otherwise than on approved leave. Similar notification shall be given to the Government of The Bahamas regarding contractor personnel who lose their entitlement to such status or who are absent without leave for more than ten days.

6. If the Government of The Bahamas has requested the removal from The Bahamas of a member of the United States Forces, United States contractors or contractor personnel admitted in accordance with this Agreement, or has made a deportation order against a person who formerly held such status and who has not been granted permission by Bahamian authorities to remain in The Bahamas, the Government of the United States shall take such steps as are open to it to remove from The Bahamas as soon as possible any such member of the United States Forces, United States contractors or contractor personnel or any person who formerly held such status.

ARTICLE XV

Fiscal Exemptions

1. No tax or fee shall be payable in respect of registration or licensing for use in The Bahamas of motor vehicles belonging to the Government of the United States, or motor vehicles owned by United States contractors and used for purposes directly in connection with the establishment, maintenance or operation of the sites.

2. No import duty, excise tax, impost, or other tax of any kind shall be charged on:

- (a) material, equipment, supplies, goods or services imported or purchased locally by or on behalf of the Government of the United States or a United States contractor for use in connection with activities conducted under this Agreement;
- (b) material, equipment, supplies, goods or services for use or consumption aboard United States public vessels or aircraft of the Army, Navy, Air Force, Coast Guard or National Oceanic and Atmospheric Administration;

- (c) material, equipment, supplies, goods or services imported or purchased locally for the use of institutions under the control of United States authorities or United States contractors, such as exchange stores, commissary stores, service clubs, messes and recreational facilities, or for sale thereof to members of the United States Forces, United States contractors or contractor personnel;
- (d) the personal belongings or household effects of members of the United States Forces, United States contractors and contractor personnel, provided that such belongings or effects accompany the owner or are imported either:
 - (i) within a period beginning 60 days before and ending 129 days after the owner's arrival; or
 - (ii) within a period of six months immediately following his arrival or six months following assignment to family quarters;
- (e) goods for consumption and goods imported after first arrival, including gifts, consigned to members of the United States Forces, United States contractors or contractor personnel provided that such goods are:
 - (i) of United States origin if the Government of The Bahamas so requires; and
 - (ii) imported for the personal use of the recipient through United States Post Offices
- (f) the exemptions from import duties granted in this paragraph shall apply only to cases involving items exempted at the time of entry and shall not be construed as obligating The Bahamas to reimburse customs duties and domestic taxes collected by The Bahamas prior to purchase from Bahamian sources.

3. No export tax shall be charged on the material, equipment, supplies or goods mentioned in paragraph 2 in the event of reshipment from The Bahamas.

4. This Article shall apply notwithstanding that the material, equipment, supplies or goods pass through other parts of The Bahamas en route to or from the site.

5. The United States authorities shall do all in their power to prevent any abuse of customs privileges and shall take administrative measures, which shall be mutually agreed upon between the appropriate authorities of the United States and of the Government of The Bahamas, to prevent the disposal, whether by resale or otherwise, of goods which are used or sold under paragraph 2(c), or imported under paragraph 2(d) or (e), of this Article, to persons not entitled to buy goods at the institutions referred to in the said paragraph 2(c), or not entitled to free importation under the said paragraph 2(d) or (e). There shall be cooperation between the United States authorities and the Government of The Bahamas to this end, both in prevention and in investigation of cases of abuse.

6. No member of the United States Forces, United States contractors or contractor personnel shall be liable to pay income tax in The Bahamas except in respect of income derived from activities in The Bahamas unrelated to this Agreement.

7. Members of the United States Forces, United States contractors and contractor personnel shall not be liable to pay in The Bahamas any head tax or other tax on their persons, or any tax on ownership or use of property which is situated outside The Bahamas, or situated within The Bahamas solely by reason of their presence there in connection with activities under this Agreement.

8. United States contractors shall not be liable to pay income tax in The Bahamas on any profits derived under their contracts with the Government of the United States, or any tax in the nature of a license with respect to any service or work for the Government of the United States, in connection with activities under this Agreement.

ARTICLE XVI

Criminal Jurisdiction

1. Subject to the provisions of this Article,
 - (a) the military authorities of the United States shall have the right to exercise within The Bahamas all criminal and disciplinary jurisdiction conferred on them by United States law over all persons subject to the military law of the United States; and
 - (b) the authorities of The Bahamas shall have jurisdiction over the members of the United States Forces, United States contractors and contractor personnel with respect to offenses committed within The Bahamas and punishable by the law of The Bahamas.
2.
 - (a) The military authorities of the United States shall have the right to exercise exclusive jurisdiction over persons subject to the military law of the United States with respect to offenses, including offenses relating to security, punishable by the law of the United States but not by the law of The Bahamas.
 - (b) The authorities of The Bahamas shall have the right to exercise exclusive jurisdiction over members of the United States Forces, United States contractors and contractor personnel with respect to offenses, including offenses relating to security, punishable by the law of The Bahamas but not by the law of the United States.
 - (c) For the purposes of this paragraph and of paragraph 3 of this Article, an offense relating to security shall include:
 - (i) treason; and
 - (ii) sabotage, espionage or violation of any law relating to official secrets or secrets relating to national defense.
3. In cases where the right to exercise jurisdiction is concurrent the following rules shall apply:
 - (a) The military authorities of the United States shall have the primary right to exercise jurisdiction over persons subject to the military law of the United States in relation to
 - (i) offenses solely against the property or security of the United States or offenses solely against the person or property of members of the United States Forces;
 - (ii) offenses arising out any act or omission done in the performance of official duty.

- (b) In the case of any other offense the authorities of The Bahamas shall have the primary right to exercise jurisdiction.
- (c) If the authorities having the primary right decide not to exercise jurisdiction, they shall notify the other authorities as soon as practicable. The United States authorities shall give sympathetic consideration to a request from the authorities of The Bahamas for a waiver of their primary right in cases where the authorities of The Bahamas consider such waiver to be of particular importance. The authorities of The Bahamas shall give sympathetic consideration to a request from the authorities of the United States for a waiver of their primary right in cases where the authorities of the United States consider such to be of particular importance.

4. The foregoing provisions of this Article shall not imply any right for the military authorities of the United States to exercise jurisdiction over persons who are nationals of, or are ordinarily resident in The Bahamas unless they are military members of the United States Forces.

- 5. (a) To the extent authorized by law, the authorities of The Bahamas and the military authorities of the United States shall assist each other in the service of process and in the arrest of members of the United States Forces, United States contractors and contractor personnel in The Bahamas and in handing them over to the authorities which are to exercise jurisdiction in accordance with the provisions of this Article.
 - (b) The authorities of The Bahamas shall notify promptly the military authorities of the United States of the arrest or detention of any member of the United States Forces, United States contractors or contractor personnel.
 - (c) Unless otherwise agreed, the custody of an accused member of the United States Forces over whom the authorities of The Bahamas are to exercise jurisdiction shall reside with the United States authorities until he is charged. In cases where the United States authorities may have the responsibility for custody pending the completion of judicial proceedings, the United States authorities shall, upon request, make such a person immediately available for purposes of investigation and trial and shall give full consideration to any special views of such authorities as to the way in which custody should be maintained.
6. (a) To the extent authorized by law, the authorities of the United States and of The Bahamas shall assist each other in the carrying out of all necessary investigations into offenses, in providing for the attendance of witnesses and in the collection and production of evidence, including the seizure and, in proper cases, the handing over of objects connected with an offense. The handing over of such objects may, however, be made subject to their return within the time specified by the authorities delivering them.
- (b) The authorities of the United States and of The Bahamas shall notify one another of the disposition of all cases in which there are concurrent rights to exercise jurisdiction.

7. Confinement imposed by a Bahamian Court upon a member of the United States Forces shall be served in the penal facilities currently utilized for this purpose in The Bahamas. Utilization of any other confinement facilities for this purpose shall be a matter for consultation between the appropriate authorities of the two Governments. United States authorities shall have the right to visit imprisoned members of the United States Forces at any time and to provide them with such material assistance as the United States authorities deem appropriate, which are not inconsistent with pertinent Bahamian prison regulations.

8. Where an accused has been tried in accordance with the provisions of this Article by the authorities of one Party and has been acquitted, or has been convicted and is serving, or has served, his sentence or has been pardoned, he may not be tried again for the same offense within The Bahamas by the authorities of the other Party. Nothing in this Article shall prevent the military authorities of the United States from trying a military member of the United States Forces for any violation of rules of discipline arising from an act or omission which constituted an offense for which he was tried by the authorities of The Bahamas.

9. Where a member of the United States Forces is tried by the military authorities of the United States for an offense committed outside the sites or involving a person, or the property of a person, other than a member of the United States forces, the aggrieved party and representatives of The Bahamas Government and of the aggrieved party may attend the trial proceedings except where this would be inconsistent with the rules of the court.

10. A certificate of the appropriate United States commanding officer that an offense arose out of an act or omission done in the performance of official duty shall be conclusive, but the commanding officer shall give consideration to any representation made by the Government of The Bahamas.

ARTICLE XVII

Civil Claims

1. The Government of the United States agrees to pay just and reasonable compensation, which shall be determined after taking into account the measure of damages prescribed by the law of The Bahamas, in settlement of meritorious claims (other than contractual claims) arising out of acts or omissions in The Bahamas of military members of the United States Forces or civilian employees of the United States Forces, including those locally hired employees of the United States Forces who are not members of the United States Forces as defined in Article I(d)(ii) of this Agreement, if, with respect to such locally hired personnel, the act or omission was done in the performance of official duty.

2. All such claims shall be processed and settled in accordance with the applicable provisions of United States law.

ARTICLE XVIII

Use of Currency

1. The Government of the United States shall cooperate with the Government of The Bahamas in insuring compliance with the foreign exchange laws of The Bahamas. The United States Forces and United States contractors may possess and use United States currency for official purposes, including the payment of personnel, and may purchase and use local currency.
2. Members of the United States Forces and contractor personnel may use for internal transactions and export United States currency received from the United States Forces or United States contractors.
3. The appropriate authorities shall cooperate in the establishment of facilities to permit the purchase of local currency with United States currency and to prevent unauthorized transactions in either currency.

ARTICLE XIX

Driving Permits and Motor Vehicle Registration

1. The Government of The Bahamas shall honor, without driving test or fee, driving permits issued by the United States or a subdivision thereof to members of the United States Forces, United States contractors or contractor personnel or issue its own driving permits without test or fee to such personnel who hold such permits issued by the United States or a subdivision thereof. Such persons who do not hold a permit issued by the United States or a subdivision thereof may obtain permits in accordance with the law of The Bahamas.
2. The United States authorities, in cooperation with the authorities of the Bahamas shall issue appropriate instructions to members of the United States Forces fully informing them of the traffic laws in force in The Bahamas and requiring strict compliance therewith.
3. Official vehicles of the United States Forces shall carry a distinctive, number.
4. Privately owned vehicles of members of the United States Forces, United States contractors and of contractor personnel shall carry Bahamian number plates to be acquired under and subject to the applicable Bahamian laws and regulations.

ARTICLE XX

Arms

Members of the United States Forces may possess and carry arms on condition that they are authorized to do so by their orders, provided that the carrying of arms outside the sites shall be subject to such arrangements as may be agreed upon by the appropriate authorities of the Two Governments.

ARTICLE XXI

Medical Services

1. For the purpose of this Article, the term "medical personnel" means the physicians, surgeons, specialists, dentists, nurses and other members of the United States Forces in The Bahamas who perform medical services, and other similar personnel of United States nationality or ordinarily resident in the United States employed or contracted by the United States Forces.

2. The United States authorities are authorized to maintain and operate hospitals and other health facilities on the sites.

3. Medical personnel may perform medical services in The Bahamas of the same type which such persons are authorized to perform at United States military medical facilities without prior examination or revalidation of their professional certificates by the authorities of The Bahamas.

4. Except as otherwise agreed by Bahamian authorities, medical personnel shall limit their services to members of the United States Forces, United States contractors and contractor personnel. In case of emergency, such personnel may render medical assistance to any persons in Bahamian territory.

5. The remains of members of the United States Forces who die in The Bahamas may be claimed, given post mortem examination, embalmed and transported outside The Bahamas. When death occurs outside a medical center of the United States, the remains of such persons will be delivered as soon as possible to the custody of United States military authorities. The certificates of death and other required documents will be prepared in accordance with Bahamian law.

ARTICLE XXII

Competent Authorities

Nothing in this Agreement shall impair the freedom of movement within The Bahamas of their competent authorities. The designation of competent authorities in respect of a site shall be notified to the United States authorities. Subject to Article XI(3), access may be refused by the United States authorities to secure areas within the sites.

ARTICLE XXIII

General Obligations

1. Save as is expressly provided in this Agreement, nothing herein shall be so construed as to impair the authority of the Government of The Bahamas with regard to the affairs of The Bahamas.

2. Members of the United States Forces, United States contractors and contractor personnel in The Bahamas for the purposes of this Agreement shall observe the laws of The Bahamas and refrain from any activity inconsistent with the spirit of this Agreement. Such persons shall not take part directly or indirectly in the political affairs of The Bahamas.

3. In exercising privileges and using facilities under this Agreement, the Government of the United States shall take every practicable measure to ensure the safety and safeguard the interest of the people of The Bahamas.

ARTICLE XXIV

Implementation

1. Appropriate Bahamian and United States authorities shall consult from time to time concerning the execution and implementation of this Agreement. The two Governments will do all in their power to assist each other in giving full effect to the provisions of this Agreement according to its tenor and will take all appropriate steps to that end.

2. The Bahamas Defense Force shall have the right to participate in the use of the sites in such manner and to such extent as may be agreed between the two Governments. In this connection, the Government of The Bahamas shall designate a liaison officer from the Bahamas Defense Force.

ARTICLE XXV

Duration

1. This Agreement shall enter into force upon signature, effective January 26, 1982, and shall continue in force for a ten year period from the effective date. However, if the Government of the United States exercises the renewal option set forth in paragraph 7 of the implementing Arrangement attached hereto, such period shall be extended for an additional five years.

2. Upon the expiration of the ten year period, or fifteen year period should the United States exercise its renewal option, this Agreement shall thereafter remain in force until one year from the day on which either Government shall give written notice of its intention to terminate the Agreement.

DRAFT DD FORM 254 – FOR INFORMATION PURPOSES ONLY

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort. If additional guidance is needed contact the Contracting Officers Representative (COR) listed below.)</i>				1. CLEARANCE AND SAFEGUARDING a. FACILITY CLEARANCE REQUIRED SECRET b. LEVEL OF SAFEGUARDING REQUIRED SECRET																																																																																					
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	b. SUBCONTRACT NUMBER		b. REVISED (Supersedes all previous specs)	Revision No.	Date (YYMMDD)																																																																																				
	c. SOLICITATION OR OTHER NUMBER	Due Date (YYMMDD)	c. FINAL (Complete item 5 in all cases)		Date (YYMMDD)																																																																																				
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4. IS THIS A FOLLOW-ON CONTRACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. If yes, complete the following: Classified material received or generated under <u>N61339-97-C-0001</u> (Preceding Contract Number) is transferred to this follow-on contract.																																																																																									
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: In response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.																																																																																									
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)																																																																																									
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9. GENERAL IDENTIFICATION OF THIS PROCUREMENT MAINTAIN/OPERATE AND SUPPORT THE ATLANTIC UNDERSEA TEST AND EVALUATION CENTER (AUTEC) LOCATED ON ANDROS ISLAND BAHAMAS.																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 35%;">10. THIS CONTRACT WILL REQUIRE ACCESS TO:</th> <th style="width: 5%;">YES</th> <th style="width: 5%;">NO</th> <th style="width: 35%;">11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:</th> <th style="width: 5%;">YES</th> <th style="width: 5%;">NO</th> </tr> <tr> <td>a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION</td> <td style="text-align: center;">X</td> <td></td> <td>a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>b. RESTRICTED DATA</td> <td style="text-align: center;">X</td> <td></td> <td>b. RECEIVED CLASSIFIED DOCUMENTS ONLY</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION</td> <td></td> <td style="text-align: center;">X</td> <td>c. RECEIVE AND GENERATE CLASSIFIED MATERIAL</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>d. FORMERLY RESTRICTED DATA</td> <td></td> <td style="text-align: center;">X</td> <td>d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>e. INTELLIGENCE INFORMATION:</td> <td></td> <td style="text-align: center;">X</td> <td>e. PERFORM SERVICES ONLY</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>(1) Sensitive Compartmented Information (SCI)</td> <td></td> <td style="text-align: center;">X</td> <td>f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>(2) Non-SCI</td> <td style="text-align: center;">X</td> <td></td> <td>g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>f. SPECIAL ACCESS INFORMATION</td> <td></td> <td style="text-align: center;">X</td> <td>h. REQUIRE A COMSEC ACCOUNT</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>g. NATO INFORMATION</td> <td style="text-align: center;">X</td> <td></td> <td>i. HAVE TEMPEST REQUIREMENTS</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>h. FOREIGN GOVERNMENT INFORMATION</td> <td style="text-align: center;">X</td> <td></td> <td>j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>i. LIMITED DISSEMINATION INFORMATION</td> <td></td> <td style="text-align: center;">X</td> <td>k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>j. FOR OFFICIAL USE ONLY INFORMATION</td> <td style="text-align: center;">X</td> <td></td> <td>l. OTHER (Specify)</td> <td></td> <td style="text-align: center;">X</td> </tr> <tr> <td>k. OTHER (Specify)</td> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> <td></td> </tr> </table>						10. THIS CONTRACT WILL REQUIRE ACCESS TO:	YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	YES	NO	a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION	X		a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY		X	b. RESTRICTED DATA	X		b. RECEIVED CLASSIFIED DOCUMENTS ONLY		X	c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION		X	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	X		d. FORMERLY RESTRICTED DATA		X	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	X		e. INTELLIGENCE INFORMATION:		X	e. PERFORM SERVICES ONLY		X	(1) Sensitive Compartmented Information (SCI)		X	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	X		(2) Non-SCI	X		g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER		X	f. SPECIAL ACCESS INFORMATION		X	h. REQUIRE A COMSEC ACCOUNT		X	g. NATO INFORMATION	X		i. HAVE TEMPEST REQUIREMENTS	X		h. FOREIGN GOVERNMENT INFORMATION	X		j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	X		i. LIMITED DISSEMINATION INFORMATION		X	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE		X	j. FOR OFFICIAL USE ONLY INFORMATION	X		l. OTHER (Specify)		X	k. OTHER (Specify)		X			
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12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release

☐

Direct

☐

Through (Specify):

NONE AUTHORIZED

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs) for review.
In the case of non-DOD User Agencies, requests for disclosure shall be submitted to that agency.

13. SECURITY GUIDANCE. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes; to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

CLASSIFIED AND UNCLASSIFIED TECHNICAL INFORMATION GENERATED UNDER THIS CONTRACT SHALL BE ASSIGNED A DISTRIBUTION STATEMENT BEFORE DISCLOSURE/DISTRIBUTION. CONSULT THE APPROPRIATE CLASSIFICATION GUIDE OR THE COR (CONTRACTING OFFICER'S REPRESENTATIVE) FOR INFORMATION ON APPLYING THE CORRECT DISTRIBUTION STATEMENT. OPNAVINST C5513.2B, ENCL. (16) - CRYPTO INSTALLATIONS. OPNAVINST S5513.3B, ENCL. (57.1) - SILENCING DATA, SHIP. OPNAVINST S5513.3B, ENCL. (58.1) - SILENCING, SURFACE SHIP. OPNAVINST S5513.3B, ENCL. (72.1) - SURFACE SHIP TORPEDO DEFENSE TOWED ARRAY SENSOR SECURITY CLASSIFICATION GUIDE OF 25 OCT 1996 (ACC. #152788). OPNAVINST S5513.3B, ENCL. (74.1) - VIBRATION DATA, SHIP. OPNAVINST S5513.3C, ENCL. (82.1) - SURFACE SHIP ANTI-SUBMARINE WARFARE (ASW) AND UNDERWATER ACOUSTICS EQUIPMENT (LESS WEAPONS, TORPEDO DEFENSE & FIRE CONTROL EQUIPMENT) TO INCLUDE THE AN/ARR-75, AN/SKR-4, AN/SQQ-23 (SERIES), AN/SQR-15, AN/SQR-18 (SERIES), AN/SQS-26 (SERIES), AN/SQS-35, AN/SQS-38, AN/SQS-53A, AN/SQS-56, AN/UQN-1 (SERIES), AN/UQN-4 (DERIES), AN/WQC-2 (SERIES) AND AN/WQC-6. OPNAVINST S5513.3B, ENCL. (88.1) - AN/SQQ-89(V), INCLUDING AN/SQR-19(V), AN/UYQ-25A(V), AN/SQQ-28(V), AN/SQS-53B(V), AN/SQS-53C(V), AN/SQS-89(VO-T(V)), MK116 MOD 5 THROUGH XX.

BLOCK 13 CONTINUED ON NEXT PAGE.

ESTIMATED COMPLETION DATE

COGNIZANT COR/PROGRAM MANAGER, NAME, CODE, TEL. NO.

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements, in addition to ISM requirements, are established for this contract. (If Yes, identify the pertinent contractual clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

☒

YES

☐

NO

SEE PAGE (5) FOR INTELLIGENCE INFORMATION

SEE PAGE (6) FOR TEMPEST REQUIREMENTS

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use Item 13 if additional space is needed.)

☒

YES

☐

NO

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

b. TITLE

c. TELEPHONE (Include Area Code)

d. ADDRESS (Include Zip Code)

17. REQUIRED DISTRIBUTION

☒

a. CONTRACTOR

☐

b. SUBCONTRACTOR

☒

c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR

☐

d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION

e. SIGNATURE

☒

e. ADMINISTRATIVE CONTRACTING OFFICER

☒

f. OTHERS AS NECESSARY

BLOCK 13 (CONTINUED)

OPNAVINST S5513.4D, ENCL. (12) - OPERATIONS SECURITY (OPSEC). OPNAVINST S5513.4D, ENCL. (18) - DOD LOCKS, SAFES, VAULTS, CONTAINERS AND SEALS PROGRAM. OPNAVINST S5513.5B, ENCL. (2.1) - ACTIVE/PASSIVE/SPECIAL PURPOSE SUBMARINE SONARS AN/BQA-8; AN/BQH-8; AN/BQQ-3, -5B/C, -6 -9; AN/BQR-7, -15, -19, -20, -21, -T4; AN/BQR-22 SERIES (LESS AN/BQR-22A (EC-15)); AN/BQR-23; AN/BQS-4, -14, -15, -24, AND OL-218/BQ. OPNAVINST S5513.5B, ENCL. (3) - ACOUSTIC WARFARE, SUBMARINE. OPNAVINST S5513.5B, ENCL. (10) - DEEP SUBMERGENCE SYSTEMS PROGRAM. OPNAVINST S5513.5B, ENCL. (23) - OCEANOGRAPHIC INFORMATION. OPNAVINST S5513.5B, ENCL. (24) - OCEANIC SOUNDINGS. OPNAVINST S5513.5B, ENCL. (30) - SSBN SECURITY PROGRAM. OPNAVINST S5513.5B, ENCL. (38.2) - SUBMARINE TECHNOLOGY, NUCLEAR AND CONVENTIONAL. OPNAVINST S5513.5B, ENCL. (40) - UNDERSEA SURVEILLANCE (MOBILE SYSTEMS). OPNAVINST S5513.5B, ENCL. (45) - UNDERWATER TARGETS. OPNAVINST S5513.5B, ENCL. (46) - OCEAN ENVIRONMENT DATA AND PRODUCTS. OPNAVINST S5513.5B, ENCL. (50) - UNMANNED FREE SWIMMING SUBMERSIBLE (UFSS). OPNAVINST S5513.5B, ENCL. (55) - SILENCING DATA, SHIP. OPNAVINST S5513.5B, ENCL. (57.2) - VIBRATION DATA, SHIP. OPNAVINST S5513.5B, ENCL. (69.2) - PERISCOPES. OPNAVINST S5513.5B, ENCL. (70.1) - AN/BRD-7. OPNAVINST S5513.5B, ENCL. (78) - MK 46 TORPEDO (LIGHTWEIGHT). OPNAVINST S5513.5B, ENCL. (88.1) - AN/BSY-2, SUBMARINE COMBAT SYSTEM. OPNAVINST S5513.5B, ENCL. (92.1) - MK 48 TORPEDO (HEAVYWEIGHT). OPNAVINST S5513.5B, ENCL. (96.1) - AN/BQN-17, DEPTH SOUNDER. OPNAVINST S5513.5B, ENCL. (101.1) - ACOUSTIC DEVICE, COUNTERMEASURE (ADC) MK 4. OPNAVINST S5513.5B, ENCL. (104.1) - SUBMARINE COMBAT SYSTEMS (AN/BSY-1, COMBAT CONTROL/ACOUSTIC SET, CCS MK1, CCS MK2 & TLAM-N PLS). OPNAVINST S5513.5B, ENCL. (108.1) - ACOUSTIC DEVICE, COUNTERMEASURE (ADC) MK 3. OPNAVINST S5513.5B, ENCL. (110) - ACOUSTIC DEVICE, COUNTERMEASURE (ADC) MK 1 MOD 0/1. OPNAVINST S5513.5B, ENCL. (111) - ACOUSTIC DEVICE, COUNTERMEASURE (ADC) MK 2 MOD 0/1. OPNAVINST S5513.5B, ENCL. (113) - NAVAL ACOUSTIC ELECTROMECHANICAL (NAE) BEACON MK 2/3. OPNAVINST S5513.5B, ENCL. (114.2) - AN/BQR-22A (EC-15) SONAR RECEIVING SET. OPNAVINST S5513.5B, ENCL. (116) - COUNTERMEASURE DETECTION AND CONTROL SET, AN/WLY-1. OPNAVINST S5513.5B, ENCL. (118.1) - SONAR RECEIVING SET, AN/WLR-9/12/17. OPNAVINST S5513.5B, ENCL. (119) - ANTI-SUBMARINE WARFARE TARGET SYSTEM MK 30 MOD 2. OPNAVINST S5513.5B, ENCL. (139) - MK48 ADCAP (MOD 5 AND BEYOND), MK50, AND/OR MK54 TORPEDOES. OPNAVINST S5513.6C, ENCL. (21) - SATELLITE COMMUNICATIONS, FLEET. OPNAVINST S5513.6C, ENCL. (25) - TERMINAL, ADVANCED NARROWBAND DIGITAL VOICE (ANDVT). OPNAVINST S5513.6C, ENCL. (39) - TSEC/KG-84C. OPNAVINST S5513.7C, ENCL. (15.2) - MOBILE MINE, MK 67 ALL MODS, SUBMARINE LAUNCHED (SLMM). OPNAVINST S5513.7C, ENCL. (18.1) - QUICKSTRIKE MINES, MK 62-65 ALL MODS. OPNAVINST S5513.7C, ENCL. (37) - ACOUSTIC TRACKING DEVICE. OPNAVINST S5513.8B, ENCL. (17) - OVER-THE-HORIZON TARGETING. OPNAVINST 5513.10B, ENCL. (4) - CONSTRUCTION PROJECTS. OPNAVINST 5513.10B, ENCL. (10) - TEST RANGES. OPNAVINST 5513.10B, ENCL. (12) - NAVAL COMPUTER SECURITY. OPNAVINST 5513.15B, ENCL. (5) - SEAL DELIVERY VEHICLE (SDV) SYSTEMS. SECURITY CLASSIFICATION GUIDE, "UNMANNED UNDERSEA VEHICLE PROGRAM", (ARPA-CG-105, REVISION NO. 3) DATED 22 JAN 1996. SECURITY CLASSIFICATION GUIDE, "ADVANCED TECHNOLOGIES FOR SUBMARINE OPERATIONS IN THE LITTORAL (ATSOL)", (ARPA-CG-151, REVISION NO. 1) DATED 2 APR 1997. SECNAVINST 5510.34 OF 4 NOV 1993, "MANUAL FOR THE DISCLOSURE OF DEPARTMENT OF THE NAVY MILITARY INFORMATION TO FOREIGN GOVERNMENTS AND INTERNATIONAL ORGANIZATIONS". OPNAVINST 3811.1C - THREAT SUPPORT TO WEAPON SYSTEMS PLANNING AND ACQUISITION. OPNAVINST 3880.6 - SCIENTIFIC AND TECHNICAL INTELLIGENCE LIAISON OFFICER (STILO) PROGRAM AND INTELLIGENCE SUPPORT FOR THE NAVAL RESEARCH, DEVELOPMENT, TEST & EVALUATION.

PERSONNEL ACCESSING CLASSIFIED INFORMATION IN THE PERFORMANCE OF THIS CONTRACT NEED ONLY POSSESS A SECURITY CLEARANCE AT THE LEVEL OF CLASSIFICATION NECESSARY TO ACCOMPLISH THE TASK. THE HIGHEST LEVEL OF CLASSIFICATION FOR THIS CONTRACT IS SECRET.

FOR OFFICIAL USE ONLY (FOUO) INFORMATION PROVIDED UNDER THIS CONTRACT SHALL BE PLACED IN AN OUT-OF-SIGHT LOCATION IF THE WORK AREA IS ACCESSIBLE TO PERSONS WHO DO NOT HAVE A NEED FOR THE INFORMATION DURING WORKING HOURS. DURING NONWORKING HOURS, THE INFORMATION SHALL BE STORED TO PRECLUDE UNAUTHORIZED ACCESS. FILING FOUO WITH UNCLASSIFIED RECORDS IN UNLOCKED FILES OR DESKS IS ADEQUATE WHEN INTERNAL BUILDING SECURITY IS PROVIDED DURING NONWORKING HOURS. WHEN SUCH INTERNAL SECURITY CONTROL IS NOT EXERCISED, LOCKED BUILDINGS OR ROOMS WILL PROVIDE ADEQUATE AFTER-HOURS PROTECTION OR THE MATERIAL CAN BE STORED IN LOCKED RECEPTACLES SUCH AS FILE CABINETS, DESKS, OR BOOKCASES. DESTRUCTION WILL BE BY THE SAME MEANS AS CLASSIFIED INFORMATION (I.E., SHREDDING, BURNING, ETC.).

CLASSIFIED MATERIAL GENERATED UNDER THIS CONTRACT SHALL BE MARKED AS FOLLOWS IN ACCORDANCE WITH OPNAVNOTE 5510 DATED 16 OCT 1995:

DERIVED FROM: (CITE THE SECURITY CLASSIFICATION GUIDE OR SOURCE DOCUMENT)

DECLASSIFY ON: (STATE THE DATE OR EVENT (WHICH MUST BE LESS THAN 10 YEARS FROM THE ORIGINATION DATE OF THE DOCUMENT) FOR DECLASSIFICATION OR STATE THE 10-YEAR AUTOMATIC DECLASSIFICATION EXEMPTION CATEGORY (-IES)).

ACCESS TO NATO INFORMATION REQUIRES A FINAL U.S. GOVERNMENT CLEARANCE AT THE APPROPRIATE LEVEL AND SPECIAL BRIEFINGS AS INSTRUCTED IN DOD 5220.22-M, NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL, CHAPTER 10, SECTION 7.

FOREIGN GOVERNMENT INFORMATION SHALL BE HANDLED IN ACCORDANCE WITH DOD 5220.22-M, NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL, CHAPTER 10, SECTION 3 & THE DEPARTMENT OF DEFENSE INDUSTRIAL SECURITY LETTER DATED 16 APRIL 2003 FOR "UNITED KINGDOM RESTRICTED INFORMATION".

RESTRICTED DATA STATEMENT

RESTRICTED DATA REQUIRES A FINAL U.S. GOVERNMENT CLEARANCE AT THE APPROPRIATE LEVEL. ADDITIONAL GUIDANCE ON RESTRICTED DATA IS PROVIDED IN DOD 5220.22-M, NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL, CHAPTER 9, SECTION 1.

COMSEC STATEMENT

FURTHER DISCLOSURE OF COMSEC INFORMATION BY A CONTRACTOR, INCLUDING SUBCONTRACTING, REQUIRES PRIOR APPROVAL OF THE USER AGENCY. ACCESS TO CLASSIFIED COMSEC INFORMATION REQUIRES A FINAL U.S. GOVERNMENT CLEARANCE AT THE APPROPRIATE LEVEL.

Award Fee Plan

AUTEC Support Services

Draft Solicitation N66604-03-R-5873

Approved:

Contracting Officer

Fee Determining Official

AWARD FEE PLAN

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AWARD FEE PLAN PROCEDURES

1.0 INTRODUCTION

This Award Fee Plan is the basis for the evaluation of contractor performance of the contractor's performance and for presenting an assessment of that performance to the Fee Determining Official (FDO). It describes specific criteria and procedures used to assess the contractor's performance and to determine the amount of award fee earned that may be awarded. Actual award fee determinations are unilateral decisions made solely at the discretion of the Government and are not subject to the Disputes clause of the contract.

The contract type is a Cost Plus Incentive Fee/Cost Plus Award Fee with Award Term provisions. Assuming the contractor performs within acceptable parameters in cost expenditures, a incentive fee is automatically earned in accordance with the fee payment formula contained in FAR Clause 52.216-10, "Incentive Fee". In addition to the target fee, the contractor may also earn an award fee as well as an award term. Award fee and award term are additional incentives to optimize performance. The award fee and award term processes provide for a basis for measurement and payment of additional fee to motivate the contractor to excel in its performance. This plan is the contracts award fee plan. The contract contains a separate plan for its award term provisions.

2.0 AWARD FEES

2.1 Cost-Plus-Award Fee

The AUTECH award fee, is a variable fee the amount of which is directly dependent upon the Government's evaluation of the Contractor's performance against functional area evaluation criteria as set forth in enclosure (1) to this Attachment.

There is no base fee under this contract. No rollover of unearned award fees is permitted. Partial payment of anticipated award fee amounts are not authorized.

Food and material purchases will be compensated on a cost reimbursement basis only. No fee will be associated or paid in connection with these line items. As such, the total direct cost of all food, material, and purchased services plus any related material handling (or other overhead) and G&A expenses shall be excluded from the annual fee defined in 2.2 below.

2.2 Fee Percentage

For the purposes of this contract, the cost base for the Award Fee and the applicable fee percentage is defined as follows:

Fee Base	Award Fee
CLIN 0001 or 0002 (4-1-05/3-31-08)	6.5 %
CLIN 0006 or 0007 (4-1-08/3-31-11)	6.5 %
CLIN 0010 or 0011 (4-1-011/3-31-14)	6.5 %
CLIN 0014 or 0015 (4-1-014/3-31-17)	6.5 %
CLIN 0018 or 0019 (4-1-017/3-31-20)	6.5 %

2.3 Award Fee

2.3.1 The amount of award fee that the Contractor may earn varies, from 0 to 100 percent of the available award fee pool for each evaluation period. Earned award fee will be determined semi-annually and will be dependent upon the Government's rating of the Contractor's performance over the preceding six months of the performance period. The available award fee pool for each rating period will be equal to one sixth of the fee base defined in 2.2 above. The Government's percentage performance rating will be applied to the evaluation period award fee pool to determine award fee earned.

2.3.2 The established Award Fee Pool for each evaluation period under this contract is as follows:

Award Fee Evaluation Period	Award Fee Pool	Award Fee Evaluation Period	Award Fee Pool
04/01/05 - 09/30/05		10/01/12 - 03/31/13	
10/01/05 - 03/31/06		04/01/13 - 09/30/13	
04/01/06 - 09/30/06		10/01/13 - 03/31/14	
10/01/06 - 03/31/07		04/01/14 - 09/30/14	
04/01/07 - 09/30/07		10/01/14 - 03/31/15	
10/01/07 - 03/31/08		04/01/15 - 09/30/15	
04/01/08 - 09/30/08		10/01/15 - 03/31/16	
10/01/08 - 03/31/09		04/01/16 - 09/30/16	
04/01/09 - 09/30/09		10/01/16 - 03/31/17	
10/01/09 - 03/31/10		04/01/17 - 09/30/17	
04/01/10 - 09/30/10		10/01/17 - 03/31/18	
10/01/10 - 03/31/11		04/01/19 - 09/30/19	
04/01/11 - 09/30/11		10/01/19 - 03/31/20	
10/01/11 - 03/31/12		04/01/21 - 09/30/21	
04/01/12 - 09/30/12		10/01/21 - 03/31/21	

3.0 PERFORMANCE EVALUATION PROCESS

3.1 Areas of Evaluation

3.1.1 The Contractor must perform a large number of diverse but interrelated functions in order to meet the requirements of this contract. Individual functions, operations, and specific events do, however, vary in their relative importance and impact upon the overall success of the AUTECH Program. Recognizing this fact, the major functional areas necessary to meet the intent of this contract and their relative (i.e. weighted) importance for purposes of the performance evaluation process are as follows:

Performance Work Statement Area	Weight Factor
1.1 through 1.3	20%
2.1 through 2.11	45%
3.1 through 3.6	35%

No portion of the award fee for any six month period shall be earned or payable if the Contractor's performance score is below 65. Further, the Government may use overriding criteria, as considered appropriate, in the evaluation of Contractor performance. An unacceptable level of performance in one (or more) preselected tasks within any functional area may result in either reduced or no payment of Award Fee irrespective of the total composite performance rating or score and may also be the basis for consideration of termination. This provision may be invoked when deemed necessary and when the Contractor has been duly informed of this requirement in advance of the applicable evaluation period.

3.1.3 When evaluating the Contractor's performance, the Government reserves the right to consider other factors, beyond those areas presented in paragraph 3.1.1 and/or to modify the functional area evaluation criteria presented in section 6.0. In such cases, the Government will provide written notification to the Contractor at least 30 days prior to the start of the six-month evaluation period, citing those new factors which will be considered.

3.2 Evaluation Periods

Although Award Fee Evaluation Periods are of six months duration, the Contractor's performance will be evaluated by the Government every three months. The intent of the interim three month evaluations is to provide the Contractor with a timely indication of the Government's general assessment of the quality of performance, and thus provide the Contractor an opportunity to improve/correct any deficient areas prior to the end of each Award Fee Evaluation Period. For purposes of this contract, the term

"Category A evaluation" shall be used to define those evaluations which occur at the end of each six month Award Fee Evaluation Period.

3.3 Evaluation Method

3.3.1 The Contractor's day-by-day performance will be assessed by On-Site Evaluators, who are principally those NUWC personnel directly concerned with specific functions, within their area of expertise/jurisdiction, for which the Contractor is responsible. On-Site Evaluators may be assisted by other Government personnel, as may be deemed appropriate to adequately assess the Contractor's performance. Unless the Contractor has been otherwise notified, On-Site Evaluators will observe the performance of specific tasks/objectives, as shown in enclosure (1) to this Attachment, as well as other relevant items, and will make record of facts, events, occurrences or conditions, related thereto, which have significant bearing upon the adequacy of the Contractor's performance. Observed incidents which an On-Site Evaluator considers to be important will be reported promptly to the Contractor (copy to the appropriate Functional Area Coordinator) accompanied by supporting information.

3.3.2 Functional Area Coordinators, as assigned by NUWC, will review and compile all data submitted by the On-Site Evaluators.

3.3.2.1 Coordinators may periodically discuss any noted performance trends and/or specific items of interest or concern with the Contractor.

3.3.2.2 NUWC shall notify the Contractor, in writing, as soon as possible of any specific facts, events, occurrences, or conditions observed during the evaluation period which are specifically judged to reflect performance in any functional area which is below the Satisfactory level.

3.3.2.3 At the end of each three month evaluation period, Functional Area Coordinators will prepare and submit individual Functional Area Performance Reports to the Performance Evaluation Board (PEB) (described in paragraph 3.3.3 below), consolidating applicable data and recommending an Adjective Rating, per enclosure (2) to this Attachment, based upon their evaluation of the Contractor's performance. To minimize subjectivity, Adjective Ratings will be accompanied by summary statements, containing relevant facts and adequate objective reasoning to justify the recommended grade.

3.3.3 A Performance Evaluation Board, consisting of a Chairman appointed by NUWCDIVNPT Code 70, a representative of the PCO, and other individual(s) as appointed by the Chairman from an echelon higher than those preparing the performance reports, will review the individual Functional Area Performance Reports, and such other relevant information as is made available to the Board, evaluate the overall significance of reported events, and, in the case of Category A evaluation, determine recommended performance ratings.

3.3.3.1 In the case of the interim three month evaluations, the Board will

prepare a report to the Contractor without specific performance ratings, of the general assessment of the Contractor's performance, noting any areas of special interest. A copy of the report will be provided to the PCO for record purposes.

3.3.3.2 In the case of Category A evaluations, members of the Board will prepare a consolidated evaluation report within 25 days (or within such time as NUWC may otherwise prescribe) of the close of the Evaluation period. This report, will include recommended ratings for performance in each Functional Area (see paragraph 3.3.1 above), as well as for overall composite performance, sufficient information to substantiate these ratings, and any other recommendations deemed appropriate. This report will be provided promptly to the Chairman of the Performance Evaluation Board who, as the FDO/TDO, is responsible for making the final evaluation and determination of performance.

3.3.4 Unless the Contractor has been otherwise notified, the composite performance rating shall be determined by summing the results obtained by multiplying each of the individual Functional Area performance ratings by their respective weighing factor.

3.4 Determination- Category A Evaluations

3.4.1 Promptly upon receipt of the Board's report, the FDO will make a final evaluation and determination. The determination may or may not be in accord with the Performance Evaluation Board's recommendation. If it is not in accord with the Board's recommendation, the FDO must assure that reasons for any differences are fully documented. The FDO final evaluation and determination will cover both the overall and individual functional area grades, or ratings assigned, as used to compute the Award Fee, if any, to be paid to the Contractor.

3.4.2 The FDO's final determination shall be forwarded to the Contracting Officer together with all supporting documentation and rationale, as soon as practicable. A copy of the FDO's final determination letter will be forwarded to the Contractor. Supporting documentation shall include a copy of the Performance Evaluation Board's report, with or without additional FDO comments, and any other independent FDO evaluation and determination documentation material forming the basis for the final determination.

3.4.3 The Contracting Officer, promptly upon receipt of the FDO's final determination, will compute the amount of Award Fee, if any, to be paid to the Contractor commensurate with the FDO's rating. The Contracting Officer will then prepare a contract modification awarding the computed fee, and formally forward such modification to the Contractor.

4.0 CONTESTING OF PERFORMANCE EVALUATION RATING(S)

4.1 The Contractor may, within 15 calendar days (or within such time as the FDO and the PCO may otherwise allow) of receipt of such final determination, submit a written reply contesting any such grade, or rating, as may have been assigned, and/or contesting any reported deficiencies and providing such additional information or rationale as may be deemed appropriate to justify any proposed changes to the final determination. Such replies shall be addressed to the FDO, with a copy to the PCO. Verbal presentations shall only be permitted as may be required to clarify the written reply.

4.2 Upon receipt, the FDO/TDO will review any such additional information and rationale as the Contractor may have provided, decide whether or not a change to the final determination is warranted, and so advise the PCO. The Contractor will be notified, in writing, of this decision as soon as practicable.

5.0 FINALITY OF AWARD FEE DETERMINATION AND PAYMENT

5.1 The FDO has the final responsibility and authority to determine the performance rating and thus the amount, if any, of the Award Fee to be paid to the Contractor at the end of each Award Fee Evaluation Period. While the primary basis for such decisions shall be the evaluations and determinations made by the PEB, the FDO may consider such other factors as he or she deems appropriate.

5.2 The decision as to the performance rating, and thus the amount, if any, of the Award Fee to be paid to the Contractor at the end of any Award Fee Evaluation Period, whether recommended by the PEB and concurred in by the FDO, or determined by the FDO alone, shall be final. This determination, and the methodology for determining the Award Fee are unilateral decisions made solely at the discretion of the Government.

5.3 The FDO's decisions shall be reflected in unilateral modifications to the contract, setting forth the amount, if any, of the Award Fee to be paid.

5.4 No advance payment will be allowed for award fee. The Award Fee(s) shall not be subject to any withholdings, and shall be paid promptly by the Government upon receipt of an invoice, or voucher, submitted by the Contractor subsequent to receiving the aforementioned contract modification(s).

6.0 SCOPE OF CONTRACTOR PERFORMANCE EVALUATIONS

1. The following Functional Areas will be evaluated when assessing the Contractor's performance:

- a. Management, sections 1.1 through 1.3 of the Performance Work Statement (PWS)
- b. Test Operations Support, sections 2.1 through 2.11 of the PWS Technical Support
- c. Base Operations Support, sections 3.1 through 3.6 of the PWS

2. The Contractor's performance of specific tasks and achievement of established objectives within each Functional Area, as listed below, will be evaluated with consideration given, but not limited to, the specific factors described herein. Primary emphasis should be placed on assessing the quality of work performed. Performance against estimated workload factors in the various chapters of the PWS should only be a consideration when: 1.) workload for the evaluation period is considered to be within estimated levels, but work is left undone or, 2.) workload for the evaluation period clearly exceeds the estimated level(s) and is satisfactorily accomplished.

a. Management

(1) Business Operations:

(a) Planning and Staffing. Thoroughness in planning efforts for compliance with Government-approved short- and long-term goals. Reasonableness and accuracy of budgeting. Adequacy of staffing to accommodate operational schedule. Compliance with the contract provision to provide personnel qualified to perform assigned responsibilities. Ability to attract, motivate and retain qualified personnel. Degree of cross training employed to enable greater flexibility and efficiency to support various workloads.

(b) Coordination. Degree of cooperation with and adequacy of support provided to various U.S. Navy and other Government audit, oversight and inspection teams. Timeliness and adequacy of response to specific tasking such as Work Orders or Letters of Direction, requests for special reports, data, etc.

(c) Support to New Requirements. Initiative, creativity, flexibility and timeliness in planning, staffing and executing reduced/added/revised requirements established by the Government. Timeliness, accuracy and reasonableness of responses to or preparation of contract modification proposals, and timeliness and adequacy of implementation of negotiated changes.

(d) Response to Deficiencies. Timeliness and adequacy of corrective actions taken in response to deficiencies in performance of functions and tasks required by this contract. Use of initiative to internally identify deficiencies and enact proactive corrective action.

(e) Reporting. Timeliness, accuracy and adherence to format and distribution requirements of CDRL items and other required, routine reports, inputs to MIS databases, etc.

(f) Other. Topics as may be of interest to the PEB.

(g) Administrative Support. Efficiency, adequacy, and timeliness of support provided for the: Satellite Ticketing Office (SATO); Government time card, training request, travel voucher, work order, and general correspondence preparation, and submittal. Adequacy and timeliness of support for the: Government's central filing system, and routing of incoming correspondence; Navy Liaison Office of the American Embassy, Nassau; and the post office and finance office at Site 1 on Andros Island.

(h) Project Document Support/Audiovisual Support/Training. Currency, adequacy, and accuracy of OCDs, Joint Government-Contractor APPs, AMS documentation, configuration control programs and records, and AUTECH Reference and Policy Documents. Adherence to development, review and change procedures. Adequacy and efficiency of Technical Library operations. Timeliness, quality, and accuracy of finished documents, drawings, etc. Adherence to security classification guidelines. Audiovisual equipment availability and reliability. Timeliness, efficiency, and quality of finished products, including maintenance of AUTECH's internet homepage. Completeness and adequacy of archived photo materials. Adequacy of support to public affairs and AUTECH's closed-circuit cable television system. Adequacy of scope, content, and presentation of orientation training to ensure personnel are familiar with AUTECH's mission, organization, operation, and Government-Contractor and U.S.-Bahamian Government inter-relationships. Adequacy of scope, content, presentation, and frequency of general and administrative training (e.g., security, safety, first aid, MIS, etc.) and specific technical or informational training programs and courses to ensure personnel are familiar with current requirements. Response to specific training requirements requested by NUWC. Accuracy, timeliness, and completeness of training and other required records and reports.

(i) Customer and Visitor Support. Thoroughness, timeliness and efficiency of host/visitor and Range User Coordinator support services. Adequacy of scope, content, and presentation of tours, briefings and functional demonstrations for visitors.

(2) Information Technology Systems (Software/Hardware/Networks). General data processing systems (hardware, software, and networks) operated according to approved operating procedures and standards. Systems fully operational within approved design parameters. Timeliness and efficiency in detecting and isolating system problems. Meeting requirements to restore full operational capability within specified time frames. System routine maintenance scheduled and conducted without interference with operational requirements. Effectiveness in coordination of technical and operational functions. Effectiveness of software life-cycle support. Timeliness of integration of

new/modified software/hardware/network assets. Timeliness, completeness, and accuracy of systems technical documentation, drawings, manuals, etc., and adherence to configuration and documentation control requirements and security.

b. Test Operations Support

(1) Test Planning and Conduct

(a) Test Planning and Test Operations Support. Pre-Test Operations Support. Timeliness of: identifying a test planning Point of Contact (POC); participation and coordination of POC in planning and technical meetings; and follow-through to completion of all test support requirements. Thoroughness and efficiency in scheduling and utilizing AUTECH resources to meet established/identified test support needs. Resolution of range/test asset scheduling conflicts. Thoroughness and timeliness of analysis and definition of test support requirements and the capability of existing AUTECH resources (e.g. software, hardware, facilities, marine/air, weapon/target, other support systems, etc.) to support test needs. Thoroughness and timeliness of: engineering support; development of new procedures and capabilities; and procurement of outside equipment and/or services, etc. required to support special test needs. Competence, efficiency, thoroughness, imagination, initiative, and tactfulness of Range User liaison and coordination services, and willingness to respond to new/changing requirements. Thoroughness and timeliness of preparation and/or distribution of Test Plans, Special Test Instructions, test and resource schedules, other related documentation, pre-test briefings, etc. Thoroughness and timeliness of preparation and distribution of new and/or revised standard procedures for changed or enhanced AUTECH capabilities.

(b) Test Operations Conduct. Compliance with, and timeliness in meeting manning and resource requirements of the AUTECH Schedule of Operations, related Operations Directives, Special Test Instructions, and other documents delineating tasks to be performed and the manner of accomplishment. Competence, efficiency, thoroughness, imagination, initiative, and tactfulness of all test support personnel operating or controlling AUTECH test support systems, hardware, software, marine/air, etc., and timeliness and willingness of personnel to respond to new/changing operational/test requirements in real-time. Weapons Range, Acoustic Test, FORACS Sensor Accuracy Tests, and other test-support systems' readiness and real-time functional performance. Timeliness and accuracy of reporting system/equipment outages and other anomalies, deficiencies, and test accomplishment problems to NUWC. Test event logs maintained as required by OCD-(04.1)-05-XX. Test Control/Operations Control Center personnel trained and qualified per applicable OCDs. Adherence to approved safety practices and procedures.

(c) Post-Test Operations Support. Thoroughness of post-test debriefing/critiques, and subsequent incorporation of "lessons learned". Timeliness and completeness of required Test Summary Reports. Data processing system hardware and software readiness and functional performance. Timeliness, accuracy, completeness, and quality of preparation, proper classification, and timeliness of delivery of data packages, test reports, messages,

and other documents or media as specified by the requirements and schedules of applicable Operations Directive(s), Operating Control Directives, and other documents delineating tasks to be performed and the manner of accomplishment. Post test support by marine/air, weapons/targets, public works or other activities as required by Operations Directives, Operations Control Directives, Special Test Instructions or other documents for completion of range user requirements or deactivation/refurbishment of AUTECH test support equipment/systems.

(2) Data Processing and Analysis

(a) Range Data Processing Services. Thoroughness and timeliness of software preparations required to support special test needs. Compliance with, and timeliness in meeting manning and resource requirements of the AUTECH Schedule of Operations and other documents delineating tasks to be performed and the manner of accomplishment. Data processing system's readiness and real-time functional performance. Post-test data processing system hardware and software readiness and functional performance. Timeliness, accuracy, completeness, and quality of post-test data analysis and preparation, proper classification, and timeliness of delivery of data packages as specified by the requirements and schedules of applicable Operations Directive(s), Operating Control Directives, and other documents delineating tasks to be performed and the manner of accomplishment. Timeliness and willingness of personnel to respond to changing data requirements in post-test.

(3) AUTECH Range Test Systems

(a) MK 30 Targets and Batteries. Targets and associated support equipment availability and reliability. Thoroughness and timeliness of the conduct, analysis, and completion of special investigations, studies, reports, other tasks, and adherence to target QA requirements. Maintain on site inventory of MK-30 Targets, spare and repair components and subassemblies and batteries. Timeliness, completeness, and efficiency in preparing Engineering Change Proposals, Modification Proposals, etc., and in performing authorized system and equipment modifications and tests. Maintenance of all target preparation equipment in an operational status except during scheduled range maintenance periods. Compliance with approved preparation and inspection procedures and requirements. Compliance with approved storage and handling procedures and record-keeping and reporting requirements. Efficiency of target post-run and turnaround, as appropriate, to include proper packaging of equipment, target components, etc., for transport. Proper handling of hazardous materials in accordance with the AUTECH Hazardous Waste Management Plan.

(b) Exercise Weapons/Ordnance. Exercise Weapons/Ordnance and associated support equipment availability and reliability. Thoroughness and timeliness in the conduct, analysis, and completion of special investigations, studies, reports, and other tasks. Maintain on site inventory of REXTORPs, spare and repair components, and subassemblies. Timeliness, completeness, and efficiency in preparing Engineering Change Proposals, Modification Proposals, etc., and in performing authorized equipment modifications and tests. Maintenance of all ordnance preparation equipment in an

operational status except during scheduled range maintenance periods. Compliance with approved preparation and inspection procedures and requirements. Maintenance of all ordnance handling equipment in operational status except during scheduled range maintenance periods. Compliance with approved exercise weapon/ordnance storage and handling procedures and record-keeping and reporting requirements. Assigned personnel certified for exercise ordnance, explosives, pyrotechnic devices in accordance with OCD-(09.1)-02-XX. Efficiency of exercise weapons/ordnance post-run and turnaround and, as appropriate, proper packaging of equipment, exercise weapons, ordnance, etc., for transport. Proper handling of OTTO fuel and other hazardous materials and waste in accordance with the AUTC Hazardous Waste Management Plan. Adherence to approved safety procedures and practices.

(4) Launch and Recovery Systems. Launch and Recovery Systems and equipment availability and reliability. Thoroughness and timeliness in the conduct, analysis, and completion of special investigations, studies, reports, and other tasks. Maintain on site inventory of spare and repair components and subassemblies. Timeliness, completeness, and efficiency in preparing Engineering Change Proposals, Modification Proposals, etc., and in performing authorized equipment modifications and tests. Maintenance of all launch and recovery systems and equipment in an operational status except during scheduled range maintenance periods. Compliance with approved preparation and inspection procedures and requirements. Compliance with approved procedures and record-keeping and reporting requirements. Assigned personnel certified for exercise weapons, ordnance, explosives, and pyrotechnic device operations in accordance with OCD-(09.1)-02-XX. Adherence to approved safety procedures and practices.

(5) Acoustic Tracking Equipment (ATE) and Test Electronics Support (TES). ATE and TES maintained in an operational status in quantities and locations sufficient to meet operational requirements. Proper installation, check-out, operation, and removal of ATE, radar beacons, HITS transmitters, and LATR PIPs in accordance with approved procedures at locations required to support operational requirements. Routine maintenance scheduled and conducted without interference with operational requirements and in compliance with applicable AMS requirements and schedules. Thoroughness, timeliness and accuracy in conduct, analysis, and completion of special tests, studies, reports and other tasks. Personnel trained and certified in accordance with applicable OCDs.

(6) Diving Services. Availability and reliability and maintenance of Government-furnished ancillary equipment, dive boat, and recompression chamber. Adequacy of contractor-provided equipment to perform requisite tasks. Adherence to training, proficiency, and safety requirements.

(7) Range Data Acquisition Systems Technical Support

- (a) Weapons Range Tracking Systems
 - 1. In-Water Tracking Systems
 - 2. In-Air Tracking Systems (Radar/HITS/LATR/STS)

- (b) Acoustic Testingt Systems
- (c) FORACS/Sensor Accuracy Testingt Systems
- (d) Special Test Systems (Minefields/Portable Tracking System)
- (e) Communications Timing System

(8) Systems Engineering/Systems Analysis. Thoroughness, initiative, and timeliness in the planning, conduct, analysis, and completion of both routine and special investigations, tests, studies, assessments, reports, and other tasks. Planning, conduct, and execution of Operational Acceptance Tests. Diligence in maintaining the performance baseline of AUTECS range instrumentation systems. Completeness and accuracy of systems and equipment procurement and technical documentation, drawings, manuals, etc., and adherence to configuration, documentation, and drawing control requirements. Competence, efficiency, thoroughness, and imagination of planning, design, and engineering services.

(9) Calibration Laboratory, Weight Handling/NDI and Timing. Laboratory test and calibration equipment and standards equipment availability and reliability. Adherence to calibration and weight testing schedules, certification requirements, and accuracy and completeness of calibration, weight testing, and repair records, equipment location records, etc.

(10) Machine Shop and Welding Services. Equipment availability and reliability. Timeliness and efficiency in responding to scheduled and emergency requirements. Adherence to prescribed standards and quality of finished work.

The Contractor's performance of each of the tasks cited above will be evaluated with consideration given, but not limited to, the following specific factors:

Systems operated according to approved operating procedures and standards. Systems fully operational to meet requirements of the AUTECS Schedule of Operations, within approved design parameters. Timeliness and efficiency in detecting and isolating system problems. Meeting requirements to restore full operational capability within specified time frames. Timeliness and completeness of pre- and post-test systems operability certifications. Thoroughness and timeliness in the conduct, analysis, completion, and reporting of periodic and other operability and calibration tests. Resolution of anomalies. System routine maintenance scheduled and conducted without interference with operational requirements and in compliance with applicable AMS requirements and schedules. AMS updated to accurately reflect new equipment, changing operating conditions, results of failure analysis, and new requirements. Thoroughness, timeliness, and accuracy in conduct, analysis, and completion of special tests, studies, reports, and other tasks. Timeliness, completeness, and accuracy of systems and equipment technical documentation, drawings, manuals, etc., and adherence to configuration, documentation and drawing control requirements. Accuracy and completeness of system modification proposals; efficiency in performing equipment modifications, new installations, and operational acceptance tests.

c. Base Operations Support

(1) Marine Support. Vessel and other assigned equipment (including associated aids to navigation, off-shore towers, moorings, etc.) availability and reliability, and timeliness in detecting, isolating, and performing corrective maintenance on vessel and equipment problems. Vessel and marine equipment maintenance and overhaul planning and scheduling performed in accordance with estimates and plans. Timeliness and adequacy of routine maintenance without interference with operational requirements and in compliance with applicable AMS, NSTM, or ABS requirements and practices as applicable. Adequacy and efficiency of port activities and harbor operations. Adherence to required standards for vessel and crew appearance. Adherence to approved safety procedures and practices, as well as discharge restrictions, and adequacy of response to emergency spill situations. Competence, initiative, efficiency, thoroughness, and imagination of planning, design, and engineering services, modification proposals, hull and equipment modifications, new equipment installations, and Operational Acceptance Tests. Personnel trained and certified per applicable OCDs, and Key Personnel provided per specification requirements. Operating procedures, rules of the road, and the practices of good seamanship requirements followed.

(2) Air Operations Support

(a) (b) Fixed Wing Aircraft Operations. Receipt and retention of FAA FAR Part 135 Air Carrier Certificate and required AMC certification. Appearance and condition of contractor – provided passenger terminal facilities and accommodations. Efficiency and adequacy of passenger service/baggage/cargo operations. Maintenance of aircraft on-board passenger facilities and comfort items, and interior/exterior appearance. Aircrew appearance. Adherence to contractually required minimum experience/qualifications of aircrew members and mechanics. Adherence to established flight schedules. Timeliness and effectiveness of response to non-routine flight requirements and any requirements for alternate or substitute service.

(b) (k) Helicopter Operations. Receipt and retention of FAA FAR Part 135 Air Carrier Certificate and required AMC certification. Receipt and retention of FAA FAR Part 133 Operating Certificate if any required helicopter lift operations within CONUS are impacted. Scheduling and adequacy of routine maintenance so as not to interfere with daylight availability of aircraft. Appearance and condition of helicopter hangar and related facilities and accommodations. Maintenance of helicopter on-board passenger facilities and comfort items, and interior/exterior appearance. Aircrew appearance. Adherence to contractually required minimum experience/qualifications of aircrew members and mechanics. Availability and capability of aircraft to meet scheduled commitments. Timeliness and effectiveness of response to non-routine flight requirements and any requirements for alternate or substitute service. Timeliness, adequacy, and efficiency of logistic support flights. Timeliness and adequacy of support provided for visiting Range User and other transient aircraft at the Site 1 heliport and the Andros Town Airport. Management, maintenance, and reporting of Range User GSE

items and equipment.

(3) Public Works

(a) Facility Maintenance. Timeliness and adequacy of maintenance schedules and scope to preclude deterioration of facilities, facilities-related equipment, utilities, and all other Class II Real Property for which the Contractor has responsibility. Availability and reliability of facilities and related equipment. Timeliness and efficiency in detecting and isolating problems, prioritizing scheduling, and performing corrective maintenance. Adherence to codes and standards and quality of finished work. Adherence to standards for cleanliness, appearance, preservation (as applicable) of facilities, buildings, structures, grounds, etc.

(b) Utilities. Availability, reliability, and operational efficiency of utilities systems and functions. Timeliness and efficiency in detecting and isolating equipment problems, and performing corrective maintenance. Timeliness of required periodic inspections and accuracy and completeness of required records. Routine maintenance scheduled and performed without interference to operational requirements, and in compliance with approved procedures and schedules. Adherence to operating procedures and standards, to include thoroughness, accuracy, and timeliness of chemical analysis functions. Adherence to applicable regulations regarding storage and disposal of non-hazardous condemned materials, trash, garbage, waste, and scrap. Accuracy and completeness of required reports. Adequacy and effectiveness of utilities conservation and recycling programs and practices.

(c) Transportation. Management, maintenance, and reporting of Range User (Helicopter) GSE items and equipment. Availability and reliability of transportation equipment (including WHE/MHE). Timeliness and efficiency in detecting and isolating equipment problems, and performing corrective maintenance. Timeliness of required periodic inspections and accuracy and completeness of required records. Routine maintenance scheduled and performed without interference to operational requirements, and in compliance with approved procedures and schedules. Adherence to personnel training, examination and licensing requirements, and conformance to required safety procedures and practices. Adherence to required standards for cleanliness and appearance of vehicles.

(d) Facilities Engineering. Thoroughness and timeliness in the conduct, analysis, and completion of designs, surveys, studies, reports, drawings, specifications, and other tasks. Adherence to required U.S. Navy formats, procedures and other requirements. Timeliness, completeness, and accuracy of procurement and technical documentation, drawings, manuals, maintenance procedures, etc. Adherence to configuration, documentation, and drawing control requirements. Competence, efficiency, thoroughness, and imagination of planning, design, and engineering services. Adherence to required codes and standards. Adherence to open-purchase guidelines.

(e) Minor Construction. Adherence to established schedules. Adherence to work standards and codes. Quality of finished work.

(5) Logistics

(a) Supply, Inventory and Property Control. Prioritized cost-effective use of Government supply system sources. Proper procurement controls. Control of procurement costs through the degree of subcontractor or open purchase competition or other novel/unique initiatives. Adherence to open-purchase procurement guidelines. Accuracy and completeness of required procurement initiation, approval, ordered, received in inventory, issued, and custodied records. Maintenance and use of guarantee and warranty records. Adherence to requirements to inspect and properly preserve (for inventory) items and goods received. Timely return of rotated stocks. Proper recourse to supplier or manufacturer for defective items. Adherence to Small and Small Disadvantaged Business Subcontracting Plan. Enforcement of restrictions on introducing duty-free goods into the Bahamian economy. Compliance with customs and immigration laws and regulations. Timeliness and efficiency of mail handling functions (adhering to security guidelines) and household goods movements.

(6) Base Services

(a) Housing/Laundry. Efficiency of transient and permanent housing assignment functions. Adherence to required standards for maintenance, cleanliness, and appearance of housing facilities, “common” spaces, and yard care. Efficient operation of transient and unaccompanied Government personnel housing. Availability and reliability of laundry facilities equipment. Timeliness and efficiency in detecting and isolating equipment problems, and performing corrective maintenance. Timeliness, quality, and efficiency of laundry operations.

(b) Food Service. Sufficiency, quality, and attractiveness of meals. Adherence to sanitation practices and standards. Efficiency of meal planning and accuracy and completeness of required records. Adherence to food service schedules. Efficiency and timeliness of responses to special requests.

(c) Medical. Adequacy of services offered and provided. Timeliness and adequacy of response to emergency situations. Adherence to required programs, procedures, and standards, including accuracy and completeness of required records.

(d) Dependent Education. Adherence to, and maintenance of, stated school certification standards. Timeliness and accuracy of budget submission(s) and required routine reports.

(e) Welfare and Recreation. Adherence to operating hours for retail activities. Diversity of products offered and response to general personnel needs and preferences. Diversity of programs, activities, and services offered. Response to general personnel desires.

(7) Protection and Environmental Support

(a) Safety. Adherence to Navy ordnance and work plan safety rules and regulations, and safe work practice procedures. Timeliness and thoroughness of periodic internal safety inspections. Timeliness of correction of detected safety hazards and deficiencies. Availability and reliability of emergency equipment. Accuracy, completeness, and timeliness of required or requested safety related studies, reports, documentation, procedures, guidance, etc.

(b) Environmental Quality Protection. Adherence to Government regulations, rules, requirements, initiatives and environmentally sound work practices to protect the environment. Proactive, aggressive program(s) to minimize use or generation of environmentally hazardous materials or waste. Timeliness and thoroughness of periodic internal inspections. Accuracy, availability, and completeness of required records. Timeliness of correction of deficiencies or compliance shortfalls. Availability of required hazardous spill response, containment, and cleanup equipment. Training and readiness of initial spill response and spill cleanup personnel. Accuracy, completeness, and timeliness of required or requested environmental quality protection studies, reports, documentation, procedures, guidance, etc. Thoroughness, timeliness, and effectiveness of pest control operations, and related records, reports, documentation, etc.

(c) Industrial Security. Compliance with U.S. Government security requirements regarding “need-to-know”. Compliance with security requirements for ADP. Proper receipt, control, distribution, accounting, inventorying, marking, handling, transmittal, and destruction of classified documents and other material, including accuracy and completeness of required records. Responsiveness to new security-related requirements and initiatives required by the Government.

(d) Physical Security. Adherence to standards of guard force appearance, post-manning requirements, and patrol schedules. Enforcement of access limitation restrictions and fulfillment of access control requirements. Timeliness, efficiency, and accuracy of personnel and vehicle pass and identification support services, including accuracy and completeness of required records. Adequacy and timeliness of visitor escort function. Timeliness and adequacy of response to requests for assistance or emergency situations. Thoroughness of required investigations, completeness and accuracy of associated records, and timeliness and adherence to required formats for required reports. Tactfulness, cooperation, and adherence to treaty agreements relative to criminal jurisdiction. Thoroughness and efficiency of aircraft passenger and cargo screening.

(e) Fire Protection. Availability and reliability of emergency response equipment. Timeliness and efficiency in detecting and isolating equipment problems and performing corrective maintenance. Routine testing and maintenance of emergency response equipment conducted in compliance with stated schedules. Adherence to standards for fire-fighting personnel appearance. Compliance with post-manning requirements.

Timeliness and adequacy of response to requests for assistance or emergency situations, hazardous material spills, etc. Thoroughness, accuracy, and completeness of required investigations and related records and reports. Timeliness and thoroughness of periodic fire safety inspections. Accuracy and completeness of required records and timeliness of correction of detected fire safety hazards and deficiencies. Timeliness, completeness, accuracy, and availability of required emergency response plans. Adequacy of the scope, content, and presentation of required fire fighter training. Control and issue of burning and “hot-work” permits in compliance with stated safety precautions.

7.0 PERFORMANCE RATING CRITERIA

1. The criteria set forth below will be utilized by the On-Site Evaluators and Functional Area Coordinators to establish Adjective Ratings describing the Contractor’s performance in each functional area. If the Performance Evaluation Board concurs with the Adjective Rating, they will determine an equivalent Numerical Rating in making any recommendations concerning the amount of Award Fee, if any, to be paid to the Contractor.

PERFORMANCE LEVEL	ADJECTIVE RATING	EQUIVALENT (%) NUMERICAL RATING
The Contractor’s performance, in most respects, is judged to be the best that could be attained, and greatly exceeds that which would be considered Satisfactory. No deficiencies noted.	OUTSTANDING	90-100
The Contractor’s performance, in most respects, is judged to be substantially above that which would be considered Satisfactory. Any noted areas of deficiency are few in number and are considered relatively unimportant.	EXCELLENT	80-89
The Contractor’s performance is judged to be better than the minimum required. Areas of deficiency are approximately offset by areas of Excellent (or better) performance.	SATISFACTORY	50-79
The Contractor’s performance is judged to be at the minimum acceptable level, and is only adequate for accomplishing the task. Areas of deficiency are	MARGINAL	20-49

approximately offset by areas of Satisfactory (or better) performance.

The Contractor's performance is judged to be below the minimum acceptable level. Areas of deficiency are not offset by areas of Satisfactory (or better) performance. UNSATISFACTORY 0-19

2. It is not the Government's objective to expect perfect performance in every task to achieve an "Outstanding" adjective rating. The following are examples of an achievable level of Contractor performance which could be evaluated as "Outstanding".

A. Test Operations Support

1. Test Operations: Personnel and resources are effectively utilized to achieve consistent internal and external customer satisfaction.

2. Test Planning and Conduct: Test planning and conduct meet 100% of customer's test requirements.

3. Data Processing and Analysis: Error free, on-time data items, packages, reports.

4. AUTECH Range Test Systems: Range test systems meet 100% of customer's test requirements.

5. Underwater Targets: $\geq 95\%$ of successful runs compared to total runs; ≤ 1.1 target preps per target launches; $\geq 99\%$ target tests supported per total target tests.

6. Exercise Weapons and Ordnance: Scheduled Weapons and Ordnance events are rarely missed due to Contractor error.

7. Launch and Recovery Services: Failures to achieve successful launch as a result of contractor errors are rare. Zero recovery failures.

8. Acoustic Tracking Equipment: 99% of task objectives met.

9. Technical Laboratory Services: Zero failures of certified equipment and/or instrumentation.

10. Calibration Laboratory, Weight Handling/NDI and Timing: No adverse impact due to improperly calibrated equipment, degradation of timing signals, or uncertified WHE/MHE/OHE.

11. Diving: No test program delayed or cancelled due to unavailable or inadequate diving services.

B. Base Operations Support

1. Base Operations: Personnel and resources are effectively utilized to achieve consistent internal and external customer satisfaction.

2. Public Works: Open or uncorrected shop repair orders shall not exceed 90; Total unscheduled interruptions in critical services will be less than 5 occurrences per month; Open or uncorrected deficiencies/findings shall not exceed 3 by the end of the period.

3. Marine Operations: Zero failures to meet scheduled commitments (weather/sea state limitations excepted). The number of open or uncorrected deficiencies that are either greater than 30 days old or uncorrected at assigned upkeep <2.

4. Air Operations: At least 95% of scheduled departures shall occur no more than 15 minutes past documented time. Successful accomplishment of at least 95% of scheduled missions.

5. Logistics: Physical inventory of material (line items) must be $\geq 95\%$; Physical inventory of assets (ST / STE / IPE / OPE / APP) must be $\geq 98\%$; Open or uncorrected deficiencies/findings shall not exceed 3 at any one time.

6. Environmental and Safety: Environmental Quality Assessment (EQA) deficiencies remaining open at the end of the period must be < 3; Naval Occupational Safety and Health (NAVOSH) and Naval Ordnance Safety & Security Activity (NOSSA) deficiencies remaining open at the end of the period < 2.

7. Base Services: 95% satisfactory responses on customer surveys; No deficiencies/findings open or uncorrected over 30 days; No significant injury to / loss of personnel, facilities, or equipment due to a preventable cause. No deficiencies/findings uncorrected over 30 days.

C. Management

1. Overall Project Management: Utilization of personnel and resources rarely fail to meet established goals and consistently achieve high levels of customer satisfaction.

2. Business Operations: Occurrences of delays, errors and omissions in Business Operations are infrequent and minor in nature

3. Information Technology: Cost/scheduled variances are within agreed limits. 0% unplanned system outages, 100% data acquisition system availability. Minimum of five percent of service requests outstanding per reporting period (monthly).

PERSONNEL DATA FORM

NAME _____

PRESENT EMPLOYER _____ LOCATION _____

LABOR CATEGORY _____ YEARS PERTINENT EXPERIENCE _____

EDUCATION _____

Degree

Subject

Year

School

SECURITY CLEARANCE _____ TRAINING _____

EXPERIENCE ELEMENT: _____

TIME PERIOD: _____ OCCASION: _____

NARRATIVE: _____

EXPERIENCE ELEMENT: _____

TIME PERIOD: _____ OCCASION: _____

NARRATIVE: _____

EXPERIENCE ELEMENT: _____

TIME PERIOD: _____ OCCASION: _____

NARRATIVE: _____

(Continue as necessary.)

Award Term Plan

AUTEC Support Services

Draft Solicitation N66604-03-R-5873

Approved:

Contracting Officer

Term Determining Official

AWARD TERM PLAN

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1.0 Introduction

This award term plan is the basis for the Naval Undersea Warfare Center, Division Newport's evaluation of the contractor's performance under a contract resulting from Solicitation N66604-03-R-5873 and for determining if the contractor has earned an Award Term.

This plan describes the award term process structure, defines the roles and responsibilities of the various members of the evaluation team, and establishes evaluation procedures. The procedure for changing this plan is also included, as are specific award term criteria, and an award term evaluation schedule. This plan also identifies the Term Determining Official (TDO) and the members of the Award Term Review Board (ATRB).

2.0 Award Term Process

2.1 Basic Structure

The contract consists of a three year base period and 4, three-year award terms. An award term determination will be based upon performance monitored over a two and one half-year evaluation period and there may be up to four such evaluation periods, depending upon the contractor's performance. For example, a contractor might earn an award term during the base period, and during the first, second, and third award term periods (each evaluation period taking place during the preceding two and one half years of performance). A contractor who earns an award term for each of the four evaluation periods will not be eligible to win any additional award terms and will no longer be subject to performance monitoring under this plan. Nevertheless, other established contract performance monitoring techniques, such as CPARS and the contracts CPIF/CPAF provisions will remain in effect.

Performance will be rated using the adjectival scale of: Outstanding, Excellent, Satisfactory, Marginal, and Unsatisfactory. Award terms will be granted for evaluation periods with performance rated as Outstanding or Excellent.

The award term evaluation periods are as follows:

Evaluation Period	Award Term Available
1 April 2005 to 30 September 2007	3 Year
1 April 2008 to 30 September 2010	3 Year
1 April 2011 to 30 September 2013	3 Year
1 April 2014 to 30 September 2017	3 Year

2.2 Roles and Responsibilities

The award term evaluation team consists of the AUTECH Program Manager, who will act as the board chairman, the Contracting Officer, and the AUTECH Office in Charge. The AUTECH Program Manager will also serve as the Term Determining Official (TDO).

Team member's responsibilities are as follows:

Term Determining Official: The TDO approves the award term plan and any changes. The TDO reviews the recommendations of the Award Term Board, considers all pertinent data, and determines the earned performance rating for each evaluation period.

Award Term Board. ATB members review performance monitors' evaluation of the contractor's performance, consider all information from pertinent sources, prepare interim performance reports and develop performance rating recommendations for presentation to the TDO. The ATB may also recommend changes to this plan.

Contracting Officer. The Contracting Officer is the liaison between contractor and Government personnel. The Contracting Officer will modify the contract performance periods to reflect the implementation of any award term years.

2.3 Evaluation Procedures

a. Performance Monitoring

Performance monitoring will be conducted in accordance with the contracts award fee plan.

b. Evaluation Periods

Each evaluation period will be 30 months in length with an interim evaluation every 6 months and will be held in conjunction with the contracts award fee plan.

The ATB Chairperson determines the interim evaluation results and notifies the contractor of the strengths and weaknesses for the current evaluation period. At this time, the ATB may also recommend any

changes to the award term plan for TDO approval. The Contracting Officer may also issue letters at any other time when it is deemed necessary to highlight areas of Government concern.

End of Period Evaluations: The contractor presents its self-assessment. The ATB prepares the evaluation report and including a performance rating and a recommendation for or against an earned award term. The ATB briefs the evaluation report and recommendation to the TDO. The TDO establishes the final rating and makes the award determination not later than 120 calendar days before the end of the current performance period. The TDO letter informs the contractor of the final rating and award term decision.

If the first award term is not awarded, then the award term incentive ceases for all following years. If the Contractor receives the first award term, but not the second, then the award term incentive ceases for all remaining future years. If the Contractor receives the first and second award term , but not the third, then the award term incentive expires.

c. Contractor's Self-Assessment. The contractor's self-evaluation is submitted to the Contracting Officer within 14 days of the end of the evaluation period. This written assessment of the contractor's performance throughout the evaluation period may also contain any information that may be reasonably expected to assist the ATRB in evaluating the contractor's performance. The contractor's self-assessment may not exceed 10 pages.

3.0 Award Term Plan Change Procedure

The TDO may unilaterally change this plan prior to the beginning of an evaluation period. In addition, the contractor may recommend changes to the plan no later than 30 days prior to the beginning of the new evaluation period. The contractor will be notified of changes to the plan by the Contracting Officer, in writing, before the start of the affected evaluation period. Changes to this plan that are applicable to a current evaluation period will be incorporated by the mutual consent of both parties.

If the Contracting Officer does not provide specific notice in writing to the contractor of changes to the evaluation criteria prior to the start of an evaluation period, the same criteria from the preceding period will be used in the next evaluation period. Any changes to evaluation criteria will be made by revising the Evaluation Criteria provide in Appendix 1.

The Contracting Officer will award additional award term periods through unilateral contract modifications, subject to FAR Clause 52.232-18, "Availability of Funds", together with a Determination and Findings that the award of the term period meets the conditions of FAR Clause 17.207(c). Award term determinations are unilateral decisions made solely at the discretion of the Government and are not subject to the Disputes clause of the contract.

Appendix 1 Evaluation Criteria

Technical: This area of the evaluation will assess the overall quality of the contractor's work including conformance to contract requirements and standards of good workmanship.

PERFORMANCE LEVEL	ADJECTIVAL RATING	EQUIVALENT (%) NUMERICAL R ATING
The Contractor's performance, in most respects, is judged to be the best that could be attained, and greatly exceeds that which would be considered Satisfactory. No deficiencies noted.	OUTSTANDING	90-100
The Contractor's performance, in most respects, is judged to be substantially above that which would be considered Satisfactory. Any noted areas of deficiency are few in number and are considered relatively unimportant.	EXCELLENT	80-89
The Contractor's performance is judged to be better than the minimum required. Areas of deficiency are approximately offset by areas of Excellent (or better) performance.	SATISFACTORY	50-79
The Contractor's performance is judged to be at the minimum acceptable level, and is only adequate for accomplishing the task. Areas of deficiency are approximately offset by areas of Satisfactory (or better) performance.	MARGINAL	20-49
The Contractor's performance is judged to be below the minimum acceptable level. Areas of deficiency are not offset by areas of Satisfactory (or better) performance.	UNSATISFACTORY	0-19

Cost Control: This area of the evaluation will assess the contractor's effectiveness in managing contract cost.

PERFORMANCE LEVEL	ADJECTIVAL RATING	EQUIVALENT (%) NUMERICAL R ATING
The Contractor's performance, in most respects, is judged to be the best that could be attained, and greatly exceeds that which would be considered Satisfactory. No deficiencies noted.	OUTSTANDING	90-100
The Contractor's performance, in most respects, is judged to be substantially above that which would be considered Satisfactory. Any noted areas of deficiency are few in number and are considered relatively unimportant.	EXCELLENT	80-89
The Contractor's performance is judged to be better than the minimum required. Areas of deficiency are approximately offset by areas of Excellent (or better) performance.	SATISFACTORY	50-79
The Contractor's performance is judged to be at the minimum acceptable level, and is only adequate for accomplishing the task. Areas of deficiency are approximately offset by areas of Satisfactory (or better) performance.	MARGINAL	20-49
The Contractor's performance is judged to be below the minimum acceptable level. Areas of deficiency are not offset by areas of Satisfactory (or better) performance.	UNSATISFACTORY	0-19

COST SUMMARY SHEET

RFP No. _____

Contractor _____ () Subcontractor to _____

NOTE: Provide one Cost Summary Sheet for the total of all CLINs with supporting cost data. Also, provide a Cost Summary Sheet for each of the CLINs without supporting cost data unless the cost data for a CLIN varies from the supporting data for the total of all CLINs (e.g., different personnel proposed).

MATERIAL

Subcontractor	_____	\$	_____
Subcontractor	_____	\$	_____
Subcontractor	_____	\$	_____
Subcontractor	_____	\$	_____
Interdivisional Transfers		\$	_____
* Travel and Subsistence		\$	_____
* Other Material		\$	_____
** Relocation		\$	_____
** Telephone		\$	_____
** Leases		\$	_____
** Royalties		\$	_____
** Equipment		\$	_____
** Parking		\$	_____
** Cost Center	_____	\$	_____
** Cost Center	_____	\$	_____
** Cost Center	_____	\$	_____
** Cost Center	_____	\$	_____
	FY _____ FY _____ FY _____ FY _____		
Material Handling Rates:	_____ % _____ % _____ % _____ %	\$	_____
	Subtotal	\$	_____

LABOR

Labor costs (no Overtime Premium)	\$	_____
Overtime Premium	\$	_____

Effective date of Labor rates _____
 Annual Escalation Rate: _____ %

INDIRECT COSTS	FY _____	FY _____	FY _____	FY _____		
*** Fringe Benefits Rates:	_____ %	_____ %	_____ %	_____ %		\$ _____
*** Overhead Rates:	_____ %	_____ %	_____ %	_____ %		\$ _____
*** Other Indirect Rates:	_____ %	_____ %	_____ %	_____ %		\$ _____
*** Gen. & Admin. Rates:	_____ %	_____ %	_____ %	_____ %		\$ _____

Annual Accounting Period begins: _____

Other	\$	_____
FCCM Treasury Rate: _____ %	\$	_____

Target Cost	\$	_____
Target Incentive Fee	\$	_____
Maximum Incentive Fee	\$	_____
Maximum Award Fee	\$	_____
Total CPAF/CPIF	\$	_____
(target cost plus maximum award and incentive fees)		

* Estimates from provision entitled "Cost Proposal"

** See the clause in Section H entitled "Travel and Material Costs"

*** FY denotes Contractor's fiscal year.

If rates are too complex to fit, provide schedule.
If rates differ in later years, provide a separate schedule.

COMMENTS IN THE INTEREST OF COMPETITION

The Competition Advocate (CA) of the Naval Undersea Warfare Center (NUWC) Division, Newport is charged with maximizing competition for NUWCDIVNPT procurements. In pursuit of this goal, the CA seeks to ensure that all competitive solicitations are formed in such manner as to not be unduly restrictive, and to be feasibly performed by several competitors.

Parties with suggestions regarding means by which NUWCDIVNPT can increase competition are encouraged to submit letters to:

Naval Undersea Warfare Center Division, Newport
Competition Advocate c/o Code 59, Building 11
Simonpietri Drive
Newport, RI 02841-1708

The CA especially desires information regarding aspects of NUWCDIVNPT solicitations which have influenced firms' decisions not to propose. If suggestions relate to specific solicitations, please include relevant extracts.

Comments requested herein are for planning purposes only; parties wishing to affect current solicitations should contact the Contracting Officer.

SECTION B SUPPLIES OR SERVICES AND PRICES/COSTS**BX18 SUPPLIES/SERVICES AND PRICES – CPIF/CPAF WITH AWARD-TERM PROVISIONS**

- (a) This is a cost reimbursement contract with cost plus incentive fee and cost plus award fee provisions.
- (b) The Contractor shall, in accordance with the terms of this contract, perform work in Section C and within the parameters of the Statement of Work.
- (c) For work performed hereunder, the Contractor shall be reimbursed in accordance with the provisions of the clauses herein entitled, Allowable Cost and Payment (FAR 52.216-7), Fixed Fee (FAR 52.216-8), and Payment of Award Fee (B51X), and payment of Incentive Fee (B52X).
- (d) This contract consists of a three- (3) year base period followed by four 3-year Award Terms. The base period may include an option for additional services. Depending on performance awards, the total performance period for this contract could be fifteen (15) years, see Clause HX110, Award Term.

The Contractor shall perform the work specified below and.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>AMOUNT</u>
0001	Services, per the Statement of Work (SOW),	1	JO	
Base	Attachment #2 excluding chapter 2.3A (Option work), from contract effective date to 36 months after the contract effective date. Refer to Attachment 8, Award Fee Plan	Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0002	Services, per the Statement of Work (SOW),	1	JO	
Option	Attachment #2 including chapter 2.3A, from contract effective date to 36 months after the contract effective date. Refer to Attachment 8, Award Fee Plan	Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0003	Food and material in accordance with	1	LO	\$43,390,000
Base	Description/Specification Section C4	NO FEE IS APPLICABLE TO THIS LINE ITEM		
0004	Food and material in accordance with	1	LO	\$44,581,000
Option	Description/Specification Section C4	NO FEE IS APPLICABLE TO THIS LINE ITEM		
0005	DATA per Exhibit "A", Contract Data Requirements List (CDRL), DD Form 1423, and information required by the Statement of work, Attachment 2.	1	LO	Not Separately Priced

0006 Base	<u>First Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, 2 excluding chapter 2.3A (Option work), from 36 months after the contract effective date for 36 months thereafter.	1	JO	
		Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0007 Option	<u>First Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, 2 excluding chapter 2.3A (Option work), from 36 months after the contract effective date for 36 months thereafter.	1	JO	
		Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0008 Base	<u>First Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$46,045,000
		NO FEE IS APPLICABLE TO THIS LINE ITEM		
0009 Option	<u>First Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$47,310,000
		NO FEE IS APPLICABLE TO THIS LINE ITEM		
0010 Base	<u>Second Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, excluding chapter 2.3A (Option work), from 72 months after the contract effective date for 36 months thereafter.	1	JO	
		Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0011 Option	<u>Second Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, including chapter 2.3A (Option work), from 72 months after the contract effective date for 36 months thereafter.	1	JO	
		Target Cost:	\$	*
		Target Incentive Fee:	\$	**
		Maximum Incentive Fee:	\$	***
		Maximum Award Fee:	\$	****
		Total CPAF/CPIF:	\$	*
		(target cost plus maximum award and incentive fees)		
0012 Base	<u>Second Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$48,893,000
		NO FEE IS APPLICABLE TO THIS LINE ITEM		

0013	<u>Second Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$50,206,000	NO FEE IS APPLICABLE TO THIS LINE ITEM
Option					
0014	<u>Third Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, including chapter 2.3A (Option work),from 108 months after the contract effective date for 36 months thereafter.	1	JO		
Base					
		Target Cost:	\$	*	
		Target Incentive Fee:	\$	**	
		Maximum Incentive Fee:	\$	***	
		Maximum Award Fee:	\$	****	
		Total CPAF/CPIF:	\$	*	
		(target cost plus maximum award and incentive fees)			
0015	<u>Third Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, including chapter 2.3A (Option work),from 108 months after the contract effective date for 36 months thereafter.	1	JO		
Option					
		Target Cost:	\$	*	
		Target Incentive Fee:	\$	**	
		Maximum Incentive Fee:	\$	***	
		Maximum Award Fee:	\$	****	
		Total CPAF/CPIF:	\$	*	
		(target cost plus maximum award and incentive fees)			
0016	<u>Third Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$51,858,000	NO FEE IS APPLICABLE TO THIS LINE ITEM
Base					
0017	<u>Third Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$53,278,000	NO FEE IS APPLICABLE TO THIS LINE ITEM
Option					
0018	<u>Fourth Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, excluding chapter 2.3A (Option work),from 144 months after the contract effective date for 36 months thereafter.	1	JO		
Base					
		Target Cost:	\$	*	
		Target Incentive Fee:	\$	**	
		Maximum Incentive Fee:	\$	***	
		Maximum Award Fee:	\$	****	
		Total CPAF/CPIF:	\$	*	
		(target cost plus maximum award and incentive fees)			
0019	<u>Fourth Award Term:</u> Services per the Statement of Work (SOW), Attachment #2, including chapter 2.3A (Option work),from 144 months after the contract effective date for 36 months thereafter.	1	JO		
Option					
		Target Cost:	\$	*	
		Target Incentive Fee:	\$	**	
		Maximum Incentive Fee:	\$	***	
		Maximum Award Fee:	\$	****	
		Total CPAF/CPIF:	\$	*	
		(target cost plus maximum award and incentive fees)			

0020 Base	<u>Fourth Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$55,028,000	NO FEE IS APPLICABLE TO THIS LINE ITEM
0021 Option	<u>Fourth Award Term:</u> Food and material in accordance with Description/Specification Section C4	1	LO	\$56,539,000	NO FEE IS APPLICABLE TO THIS LINE ITEM

* Offeror shall insert amounts.

** The Target Fee shall be 2.5% of the Target Cost exclusive of Facilities Capital Cost of Money

***The incentive fee shall not exceed 3.5% of the Target Cost exclusive of Facilities Capital Cost of Money

**** The award fee shall not exceed 6.5% of the Target Cost exclusive of Facilities Capital Cost of Money. Payment of the Award Fee shall be in accordance with B51X and G200.

B51X PAYMENT OF AWARD FEE

The maximum available award fee is hereby established at \$ ____*____ . Determination of the **actual** award fee, if any, earned by the contractor and payment thereof shall be made in accordance with the Award Fee Plan, Attachment #8 hereto.

*To be filled in at time of award.

B52X PAYMENT OF INCENTIVE FEE

The incentive fee earned, in accordance with FAR Clause 52.216-10 - Incentive Fee (Mar 1997), shall be paid at six-month intervals, concurrent with any award fee earned during the six-month period.

L-15 REQUIRED CAPITAL ASSETS AND INVENTORY ACQUISITIONS

If alternative approaches are not accepted by the government, acquisition of certain capital assets, owned by the incumbent AUTC Contractor, is a requirement of this solicitation if the incumbent is unsuccessful in retaining the contract. In this event, upon award of this contract, the awardee, if not the incumbent, must complete purchases of the following items from the incumbent during the transition phase of the contract:

FIXED-WING AIRCRAFT (2 EA)	EST. PURCHASE PRICE
Beechcraft 1900D, S/N UE12	\$2,704,765
Beechcraft 1900D, S/N UE27	\$2,710,390
 ROTARY-WING AIRCRAFT (2 EA)	 EST. PURCHASE PRICE
Sikorsky S-61N, S/N 61-470	\$940,433
Sikorsky S-61N, S/N 61-767	\$930,781
 AIR OPERATIONS FACILITY	 EST. PURCHASE PRICE
Terminal/Hanger, PBIA	\$454,929

The estimated purchase price for these assets represents the anticipated undepreciated value of each as of 31 March 2005. For the purposes of this solicitation, the assumed purchase date of the assets will be 31 March 2005. Offeror must execute the Capital Asset Agreement to Purchase document (to be provided). Depreciation must be proposed on a straight-line basis in accordance with instructions (to be provided).

In addition to the foregoing, purchase of the Retail System inventory is also a requirement of this solicitation. Upon award of this contract, the awardee, if not the incumbent, must purchase the Retail System inventory from the incumbent during the transition phase of the contract. The estimated inventory value is \$500,000.

Offerors must submit evidence of financial capacity, in the form of an unencumbered line of credit or letter of credit, in support of the required commitment to acquire the above cited capital assets and Retail System inventory.

L-16 GENERAL INFORMATION

It is requested that your proposal be predicated upon the following information:

The incumbent Contractor will retain full operational responsibility through 31 March 2005 and will maintain full manning of all personnel billets.

All offerors, other than the incumbent, will submit a proposal for a transition-in period not to exceed ninety (90) calendar days. The transition period will provide for orientation and training, development of familiarity with operation schedules, workload and equipment operation/maintenance requirements and to assist in the orderly transition and change in responsibility to be effective 1 April 2005.

L99X ALTERNATE PROPOSALS

(a) In order to be considered responsive to the RFP, your basic proposal must comply precisely with the terms and conditions contained herein. You are authorized, pursuant to paragraph (c)(9) of the Instructions to Offerors - Competitive Acquisition (52.215-1) provision hereof, to submit separate alternate proposals provided rationale is included indicating why the acceptance of an alternate proposal would be more advantageous to the government.

(b) An alternate proposal may provide a second approach to the satisfaction of RFP requirements, with or without any exceptions to the requirements thereof. A complete stand-alone proposal of the alternate approach must be provided. Any exceptions or waivers to the requirements included in the alternate approach must be justified or explained.

(c) Identify differences from the basic proposal with a change bar on the right hand margin. In the interest of reducing costs, offerors are encouraged to carefully review each of the specifications and standards and submit alternate proposals which clearly set forth the recommended changes to the cited specifications and standards, together with the rationale therefore and the contemplated reduction in price which would be applicable for each if the recommended changes are accepted.

(d) Alternate proposals based on awarding more than one contract, changing the contract type, or the length of the contract are not desired and will not be considered.

L100X ADVANCE COST AGREEMENT

The following paragraphs establish predetermined reasonableness thresholds or require advance approval of the Contracting Officer for reimbursement of certain costs:

(a) Travel. Reimbursement for employee travel shall not exceed the amounts provided by the Department of Defense Joint Travel Regulation. (See FAR Part 31)

(b) Closeout Liability: costs incurred by the Contractor as authorized by the Contracting Officer in closing out this contract during any Phase-In and after its completion. Such costs may include cost of making necessary inventory of Government property and such other reasonable and necessary costs as would be allowable under the clause entitled "Termination (Cost-Reimbursement) (SEP 1996)," if the contract were terminated by the Government for its convenience, subject to allotment of funds pursuant to the clause entitled "Limitation of Funds (APR 1984)."

(c) Accrued Personnel Liabilities. Cost of discharging liabilities and obligations for vacation pay, sick leave pay, occupational disability pay, severance allowance pay, relocation, and other employee fringe benefits accrued during this and previous contracts between the Contractor and the Government at AUTC, are subject to allotment of funds pursuant to the clause entitled "Limitation of Funds (APR 1984)." The cost of discharging liabilities and obligations to employees on sick leave or occupational disability at the time of the termination or completion of the contract is allowable.

(1) For those employees transferring to a succeeding contractor on a follow-on contract, the following shall be transferred to the succeeding contractor as agreed between the Government and the succeeding contractor:

a. The earned and unused sick leave accrued for each employee in accordance with the Contractor's Government-approved sick leave policy, and

b. At the employee's option, the earned and unused vacation time accrued for each employee in accordance with the Contractor's Government-approved vacation policy, but not to exceed the maximum accrual (carryover limit) permitted by the Contractor's current vacation policy.

(2) For the purpose of determining the allowable costs under this contract for severance allowance, upon completion or termination of this contract, all employees entitled to severance allowance in accordance with FAR 31.205-6(g) and as set forth in the Contractor's written severance policy shall be paid the severance allowance on termination of employment through the date of termination, subject to the following and subject to allotment of funds pursuant to the clause entitled "Limitation of Funds (APR 1984)":

a. For those employees who transfer to a succeeding contractor on a follow-on contract, the time accrued (as opposed to severance pay dollars accrued) shall be transferred into the succeeding contractor's severance pay plan, if any. No severance pay will be allowable for any employee who accepts employment with a succeeding contractor within one year after completion of this contract.

b. For an employee who does not accept employment with the succeeding contractor as evidenced by a written agreement described below, such employee's allowance shall be reimbursable under this contract in accordance with FAR 31.205-6(g) and as may be set forth in the Contractor's written severance policy for the severance pay allowable, earned, and accrued during the period of this contract.

1. The written agreement of the employee will certify that he has not accepted employment or entered into an agreement to accept employment with a succeeding contractor under a follow-on contract in a position requiring the same, similar, or greater responsibility or skill.

2. The written agreement of the employee will include his certification that if he does accept employment with the succeeding contractor within one year he will reimburse the Government through the succeeding contractor the full amount of severance pay earned and accrued during the term of this contract.

3. The written agreement of the employee will indicate an understanding that if he has accepted payment for severance and within one year accepts employment with the succeeding contractor and reimburses the Government for the full amount of such severance pay, he shall be credited by the succeeding contractor with a period of time for severance pay as agreed upon between the Government and the succeeding Contractor.

c. Wage Employees. Wage employees who transferred from their predecessor employer shall have their length of service for early retirement benefits determined from their "most recent date of hire" and severance pay benefits determined from most recent recall date less time spent in leave of absence in excess of thirty days (other than military leave) with their predecessor employer, whichever is later. In no event will the cost of severance pay and early retirement supplement for the same period of service by an employee be an allowable cost under this contract.

d. Exempt and Non-Exempt Salaried Employees. For exempt and non-exempt salaried employees who have transferred all of their earned severance benefits/credits to the successor employer, their length of service shall be determined by their last date of hire, less time spent in leave of absence in excess of thirty days (other than military leave), with their predecessor employer for the purpose of determining early retirement supplement benefits and severance pay allowance. Early retirement benefits and severance pay benefits may continue to be transferred to a successor employer. For employees who accept severance pay in lieu of transfer of benefits/credits, their length of service shall be from last date of hire, less time spent in leave of absence in excess of

thirty days (other than military leave) with their predecessor employer. In no event will the cost of severance pay and early retirement supplement for the same period of service by an employee be an allowable cost under this contract.

(d) Fines and Penalties. The Contractor shall notify the Contracting Officer in writing if a citation is received for which reimbursement may be claimed under FAR 31.205-15.

(e) Facilities Capital Cost of Money. If the Contractor's offer included Facilities Capital Cost of Money, the Government will deduct the amount included from the maximum award fee amount. Reference DFARS 215.404-74.

(f) Miscellaneous Receipts. Miscellaneous funds received by the Contractor from such sources as authorized salvage sales, will be handled as directed by the Contracting Officer. The Contractor shall notify the Contracting Officer of the amount of such miscellaneous receipts within 15 days of receipt. This provision is not intended to limit the sources of refunds or credits contemplated by FAR 31.201-5.

(g) General & Administrative (G&A) Cost Ceiling. G&A costs exceeding the following percentage of the cost of the contract, excluding G&A, shall not be allowable under this contract. Note: The Contractor shall include a provision similar to this Special Contract Requirement L100X (g) in each subcontract providing continuing services at AUTECH. A G&A Cost Ceiling includes any home office cost allocated as residual cost, any home office cost allocated as separately allocable cost and any home office cost allocated as bid and proposal cost.

<u>Fiscal Year</u>	<u>Ceiling</u>
2005	____%
2006	____%
2007	____%
2008	____%
2009	____%
2010	____%
2011	____%
2012	____%
2013	____%
2014	____%
2015	____%
2016	____%
2017	____%
2018	____%
2019	____%